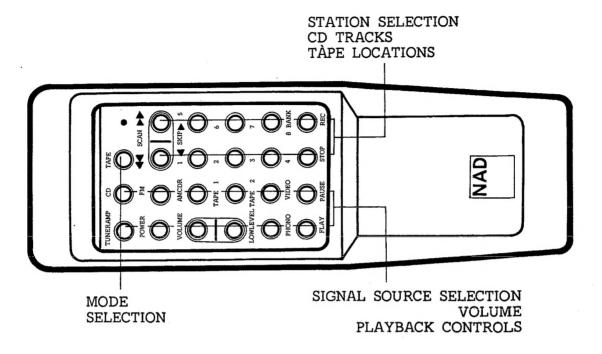
# NAD SERVICE MANUAL

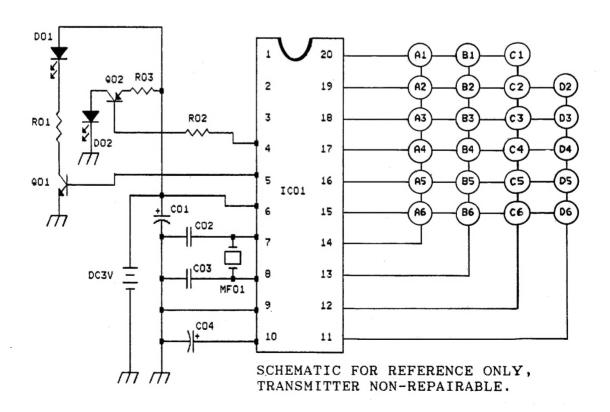
**MONITOR SERIES** 

PREAMPLIFIER/TUNER

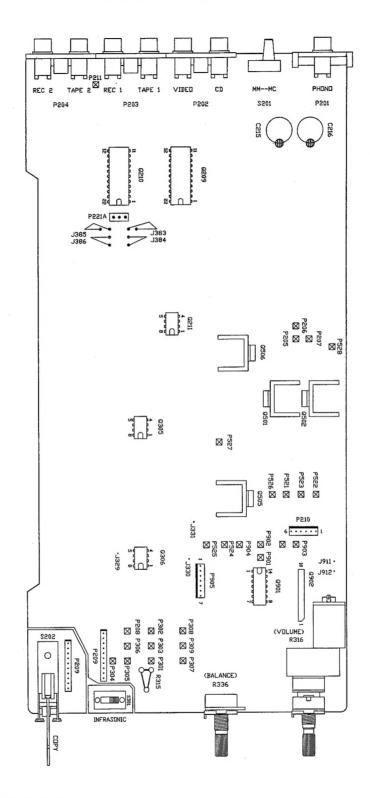
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# REMOTE CONTROL TRANSMITTER





# PREAMPLIFIER ADJUSTMENT POINTS

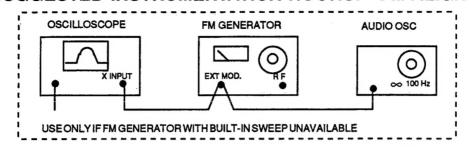


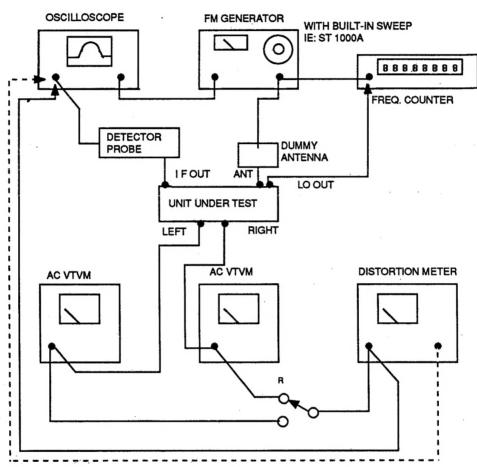
# PREAMPLIFIER ADJUSTMENT

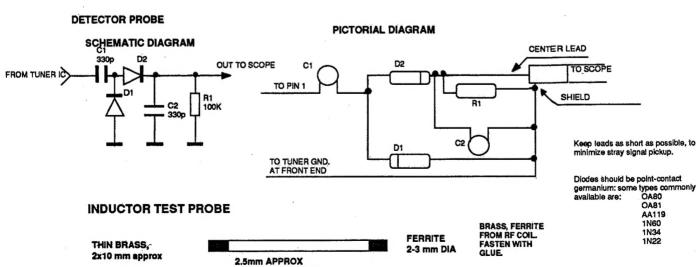
# A. CHANNEL BALANCE

- 1. Feed 1kHz, 100mV to CD input; connect AC VTVM's to preamp output. 2. Set volume to maximum, balance to center, low level off. 3. Adjust R-315 so that both channels have same output level  $\pm$  0.25dB.

# SUGGESTED INSTRUMENTATION HOOKUP- FM ALIGNMENT







WOOD OR PLASTIC

### FM ALIGNMENT

### NECESSARY INSTRUMENTATION:

- \* Stereo Modulator (less than 0.05% THD, more than 50dB Sep.)
- \* FM Generator (less than 0.05% THD)
- \* 75 ohm Dummy Antenna (if needed by generator)
- \* Audio Oscillator (not necessary if FM generator has built-in sweep, e.g., SOUND TECHNOLOGY ST 1000A or ST 1020A)
- \* 2 AC VTVM's (or one with a Left/Right switch)
- \* THD Analyzer (resolution less than 0.1%)
- \* Oscilloscope (5mV or better sensitivity, X-Y capability)
- \* Frequency Counter
- \* Diode Detector Probe
- \* Ferrite/Brass inductor test probe

### IMPORTANT NOTES

- 1) RF levels are at antenna input.
- 2) Before aligning, select FM, switch off MONO.
- 3) If FM Generator is not synthesizer-type, be sure to check its frequency with Frequency Counter When adjusting detector and stereo decoder circuits.
- 4) Hum in measurements may be caused by ground loop via antenna cable; if so, use isolation balun, or isolate cable shield and hot with small capacitors (470 ~ 1000pf).
- 5) To adjust front-end coils, bend gently with wooden or plastic tool (non-interactive).
- 6) ENTER the following frequencies: 90.00, 105.00, 87.50, 108.00, 98.00

### A. LOCAL OSCILLATOR FREQUENCY

- 1. Connect Frequency Counter between front-end pin 8 (front-most) and Ground.
- 2. Tune to 90 MHz (No RF input needed).
- 3. Adjust C-934 so that reading is 100.700MHz + 2KHz.
- 4. Remove counter.

## B. TUNING VOLTAGE

- 1. Connect DMM between P-936 and Ground.
- 2. Tune to 108.00MHz, and adjust L-7 if reading is not 20.0V  $\pm$  0.5V
- 3. Tune to 88.00MHz, and check that reading is  $3.0V \pm 0.5V$
- 4. Repeat until within tolerance.

# C. TRACKING

- 1. Connect FM Generator to 75 ohm antenna input (modulate ± 150kHz sweep) and Detector Probe to Pin 1 of Q106 (ground to tunershield).
- 2. Adjust vertical sensitivity of Oscilloscope to maximum, and set to X-Y mode. (X input is sweep signal, Y is detector probe).
- 3. Tune to 105MHz and adjust generator so that curve appears on Oscilloscope, and covers approximately 1/2 of display.
- 4. Check L2, L3, L4 with ferrite/brass probe, adjust only if probe causes curve height to increase more than 10%. If necessary, reduce generator output to keep entire curve on display.

- 5. Tune to 90MHz and adjust Generator so that curve appears on Oscilloscope.
- 6. Check L2, L3, L4 again; if necessary, distribute any error between both frequencies.

Note: 105MHz curve is typically slightly higher than 90MHz.

### D. IF ADJUSTMENTS

- 1. Tune to approximately 98MHz (must be an unoccupied frequency), and adjust FM Generator to display curve on the oscilloscope.
- 2. Adjust I-1 and I-101 for maximum and symmetrical curve using as little RF input signal as possible.
- 3. Remove detector probe.

### E. DETECTOR ADJUSTMENT

- 1. Remove Detector Probe, and connect Tape Output to Distortion Analyzer and Oscilloscope.
- 2. Connect DMM between P-703 (-) and P-704 (+).
- 3. Tune to 98MHz and feed 1000uV from FM Generator (Modulate 1kHz 100%, Mono).
- 4. Adjust I-102 Secondary (front) for lowest THD. Specification: less than 0.1%
- 5. Adjust L-102 Primary (rear) for OV + 50mV reading on DMM.
- 6. Repeat until no further improvement.

### F. STEREO DISTORTION & SEPARATION

- 1. Tune to 98MHz and feed 1000uV from FM Generator. Modulate 1kHz, 100% left (or right) only.
- 2. Adjust I-1 just slightly so that distortion on left (or right) channel becomes minimum.
- 3. Check stereo distortion, wide IF; Specification: less than 0.1%, L + R, L only, R only, L R.
- 4. Set IF to wide and modulate L only. Adjust R-176 for minimum output on right channel.

Next, modulate R only and adjust R-176 for minimum output on left channel.

If necessary, readjust R-176 so that readings become same on both channels. Specification: less than -45dB.

# G. AUTO SEARCH LEVEL

- 1. Set IF to wide. Connect DMM between P-935 and Ground.
- 2. Set FM Generator output to 10uV and adjust R-144 so that reading just goes from 0 V to 4.4V. Tolerance: ± 2uV.

### H. STEREO SWITCHING LEVEL

- 1. Set FM Generator output to 5uV, 1kHz 100% L + R.
- 2. Adjust R-148 so that the stereo light just turns on. Tolerance: ± 1 uV.

NOTE: The tuner will switch into mono at a lower level, typically 4uV.

### I. SIGNAL METER LEVEL

- 1. Set FM Generator output to 500 uV
- 2. Adjust R-141 so that fifth LED just lights.

### J. MULTIPLEX FILTERS

- 1. Set FM Generator output to 1000uV, 1kHz 100% L + R, and set reference for S/N measurement. Cancel the stereo modulation and leave pilot tone.
- 2. Adjust Z-111 (Z-112)(rear slug) for minimum subcarrier output on left (right) channel; Specification: less than -60dB.
- 3. Reduce FM Generator output so that S/N ratio reads 50dB.(Approx 18uV)

### AM ALIGNMENTS

### A. TUNING VOLTAGE

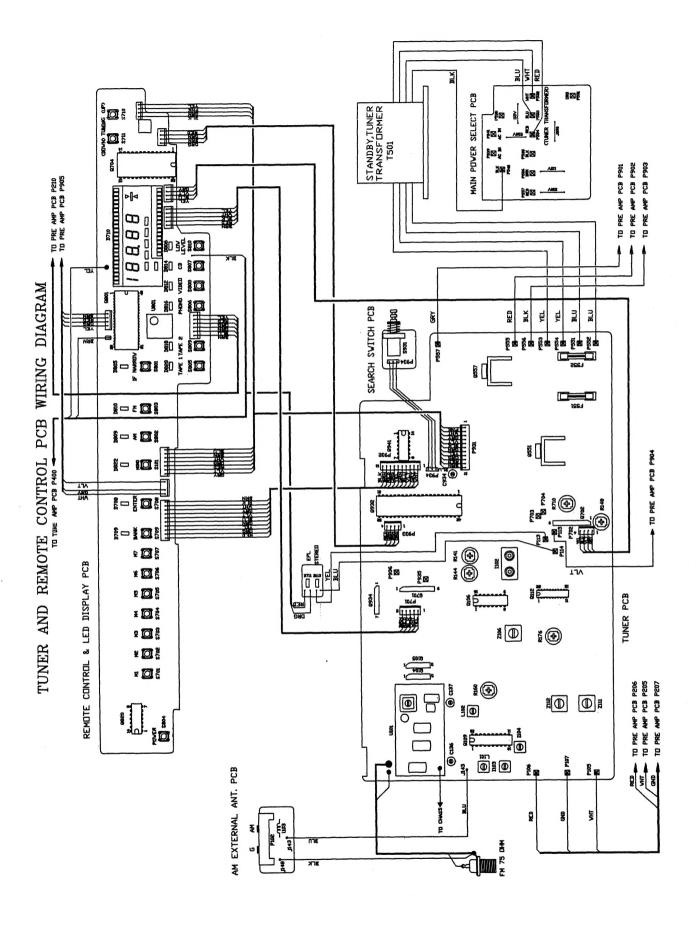
- 1. Connect DMM between P-936 and Ground.
- 2. Tune to 1600(1602) KHz. Enter into Preset 2. Adjust C-137 for reading of  $8.1V \pm 0.5V$ .
- 3. Tune to 520(522)kHz. Enter into Preset 1. Adjust L-102 for reading of  $1.0V \pm 0.1V$ .
- 4. Repeat until within tolerance.

# B. ANTENNA, IF

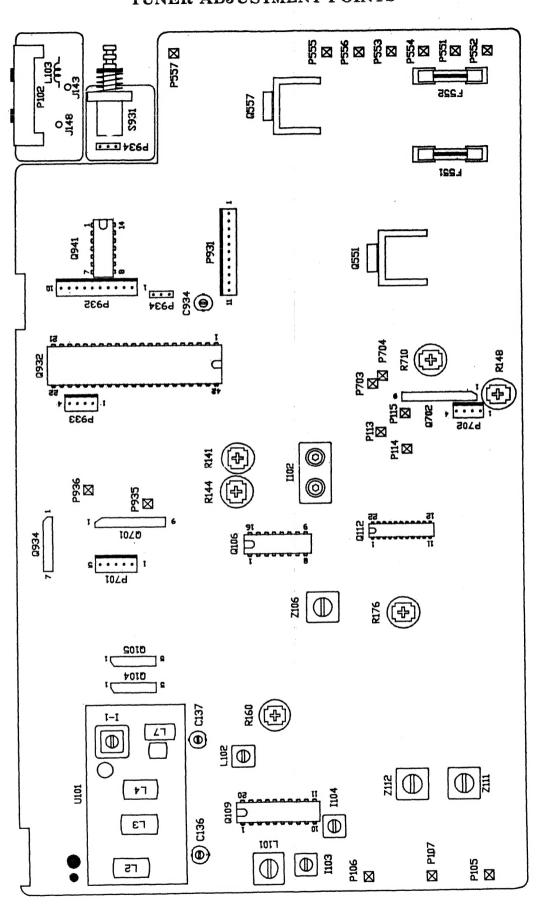
- 1. Swing antenna away from chassis.
- 2. Connect DC voltmeter to Anode, D110 (rear) and Ground.
- 3. Tune to a station of moderate strength near 1400kHz. Enter into Preset 4. Adjust C-136 for maximum reading on meter.
- 4. Adjust I-103 and I-104 for maximum reading on meter.
- 5. Tune to a station of moderate strength near 600kHz. Enter into Preset 3. Adjust L-101(AM Antenna) for maximum reading on meter (use non-interactive tool, such as plastic or wooden stick).
- 6. Repeat until no further improvement.

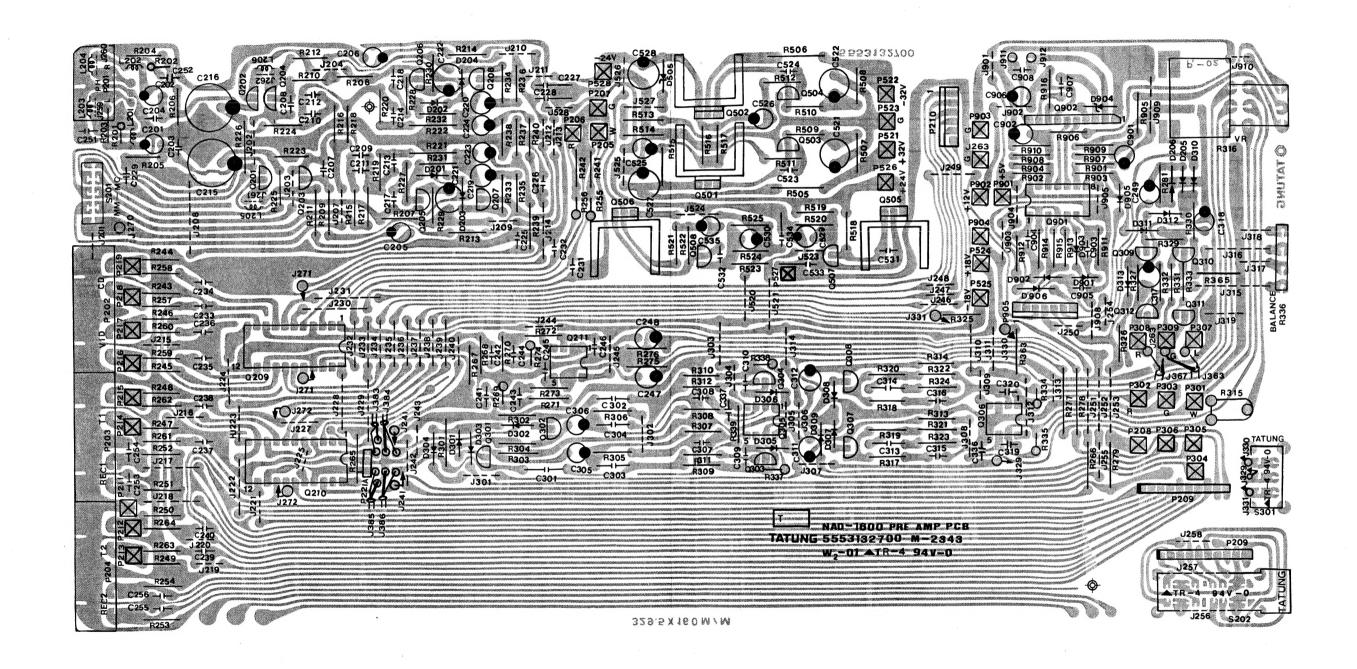
# C. SCAN STOP/SIGNAL METER LEVEL

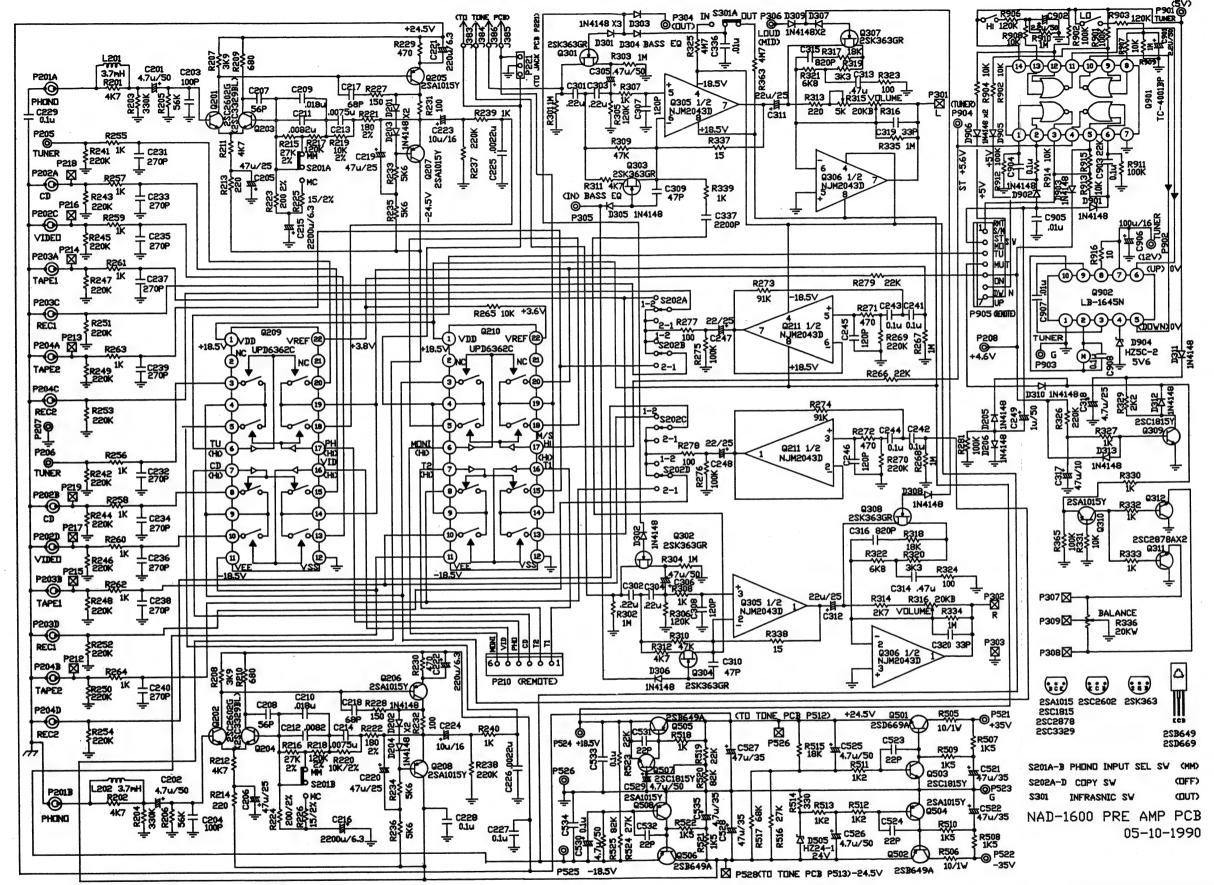
- 1. Tune to 1000kHz and feed 200uV to antenna terminals.
- 2. Adjust R-165 so that fifth LED just lights fully.



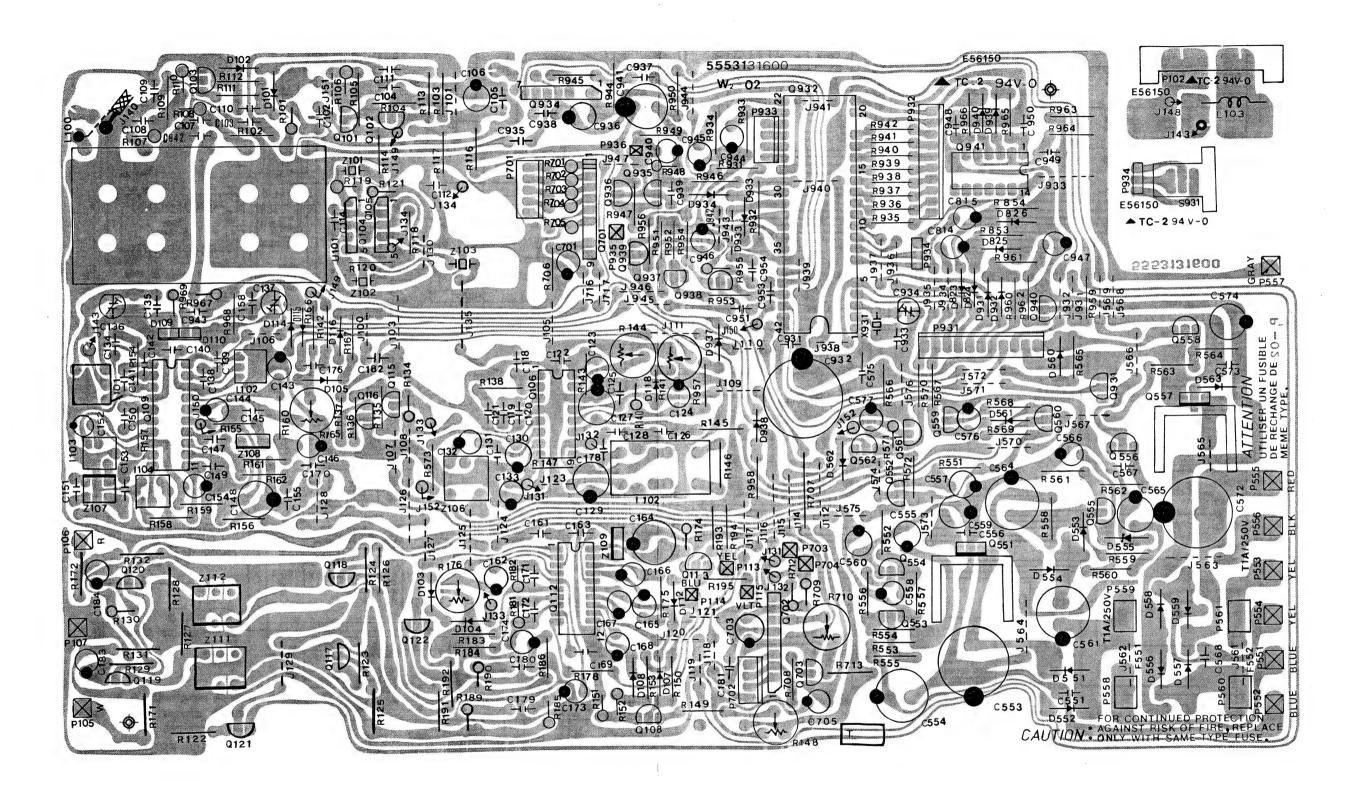
# TUNER ADJUSTMENT POINTS



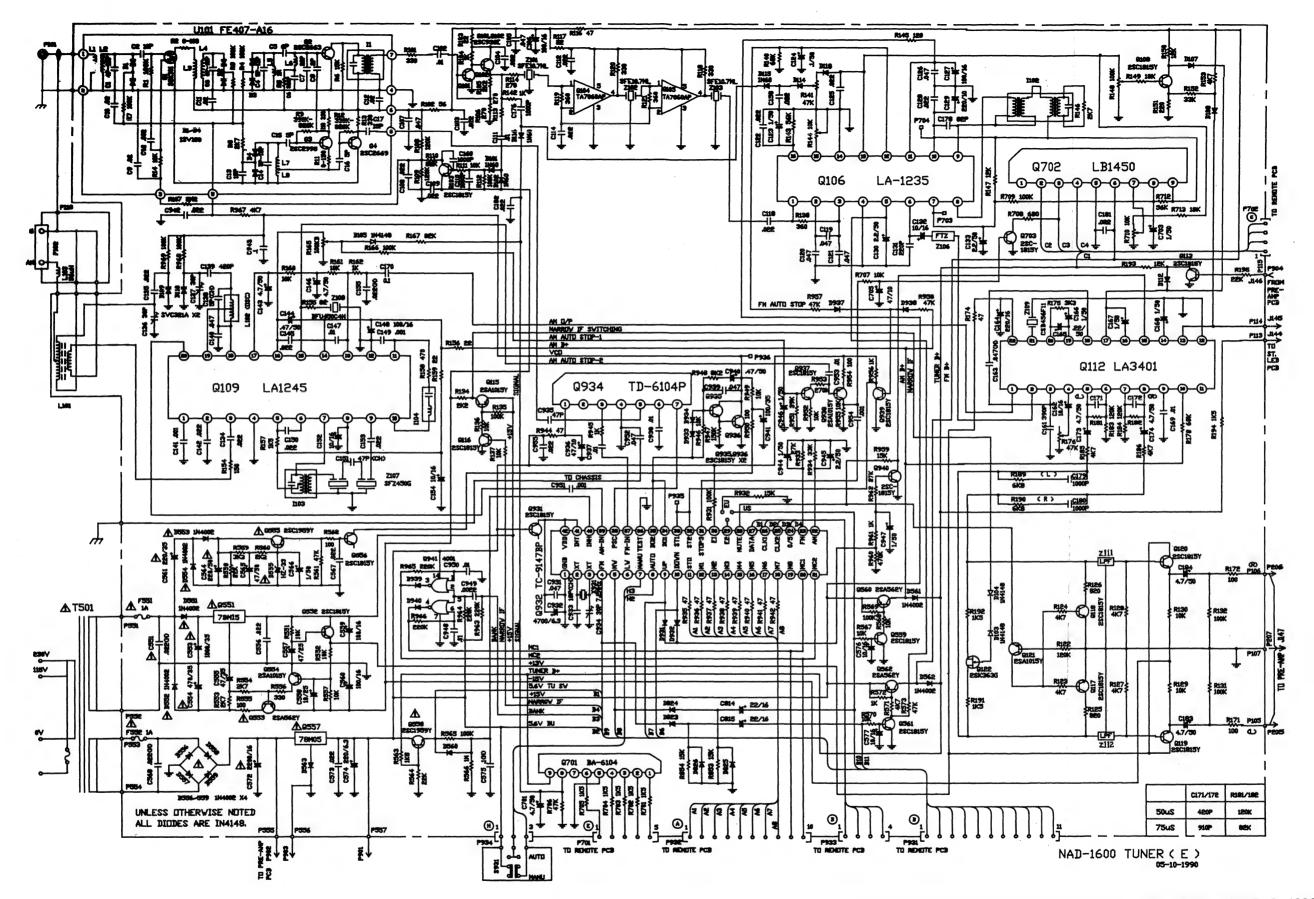




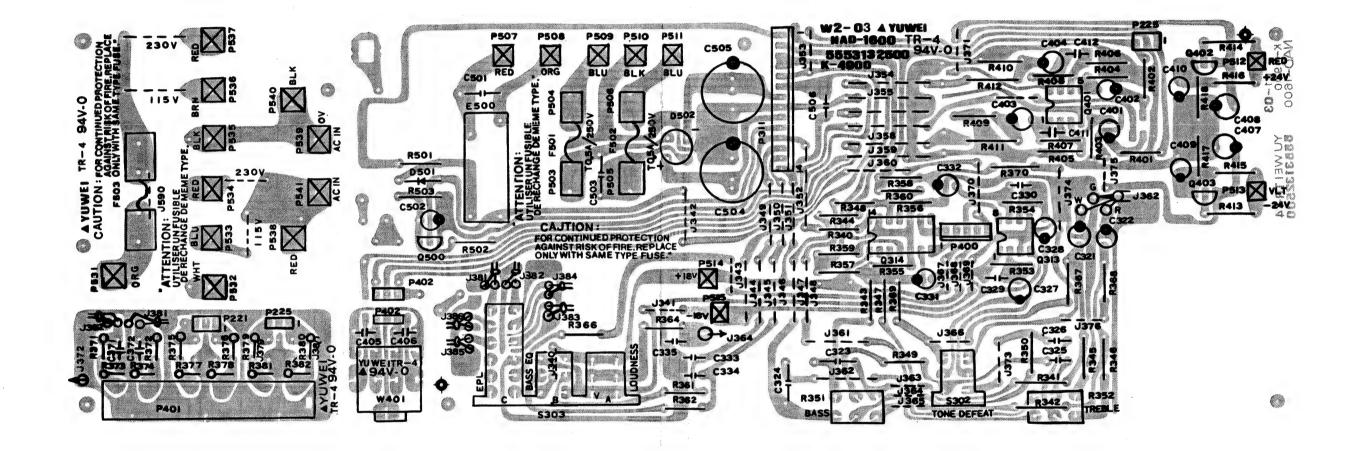
(C) NAD Electronics Ltd. 1990

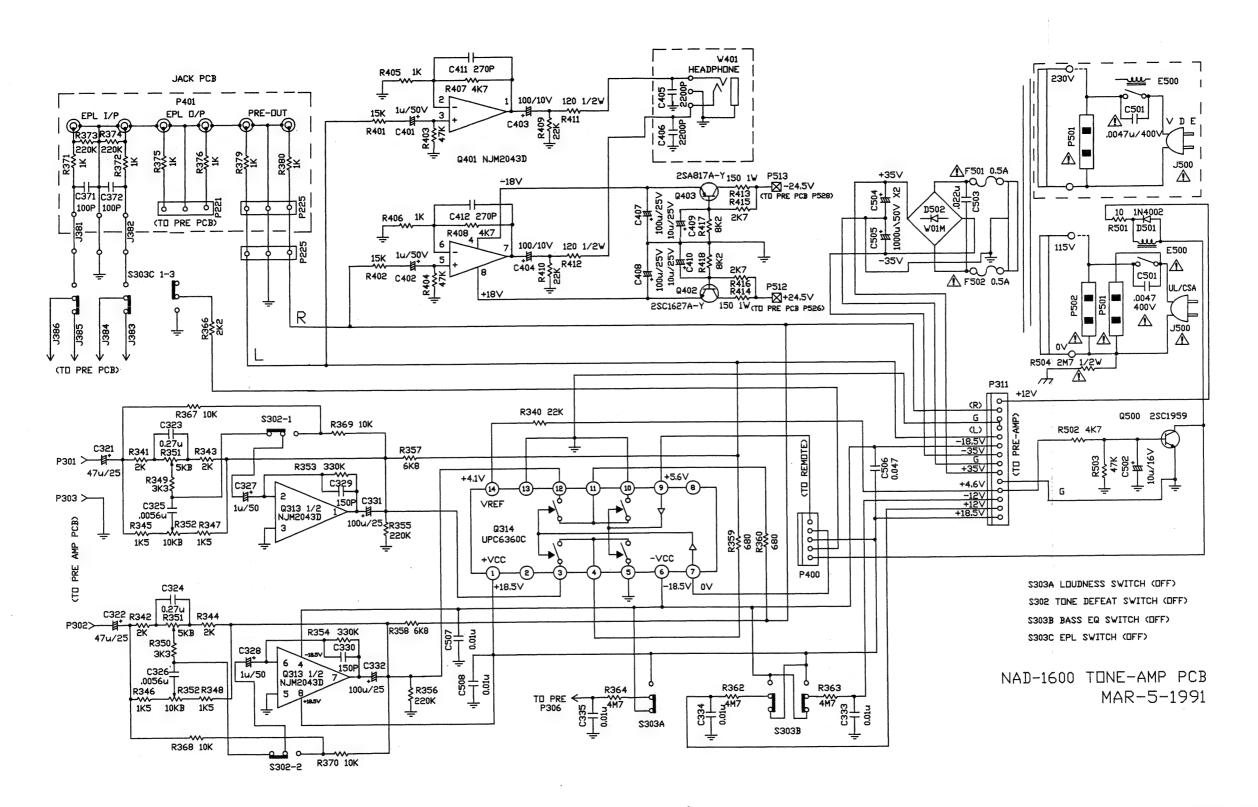


(C) NAD Electronics Ltd. 1990

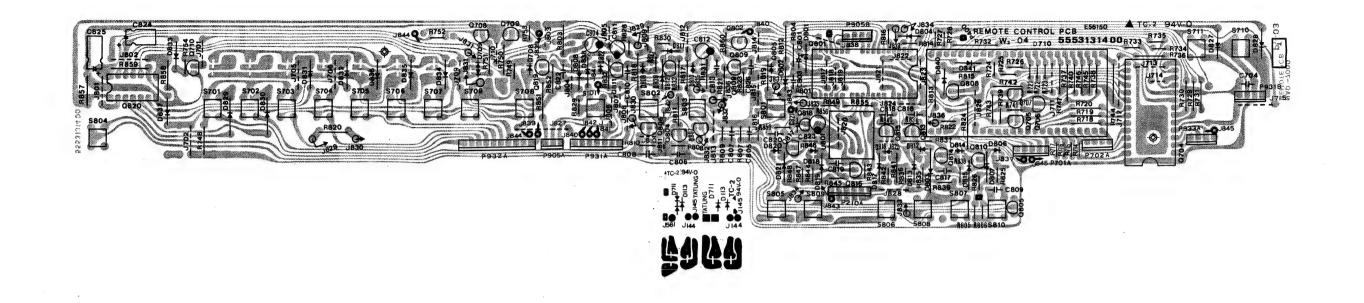


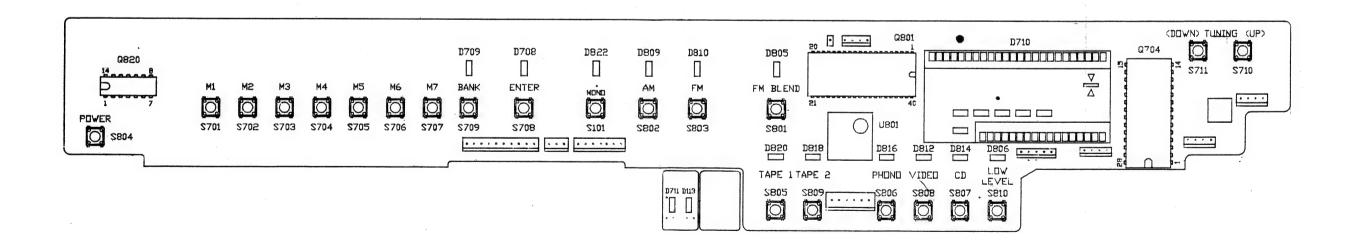
(C) NAD Electronics Ltd. 1990



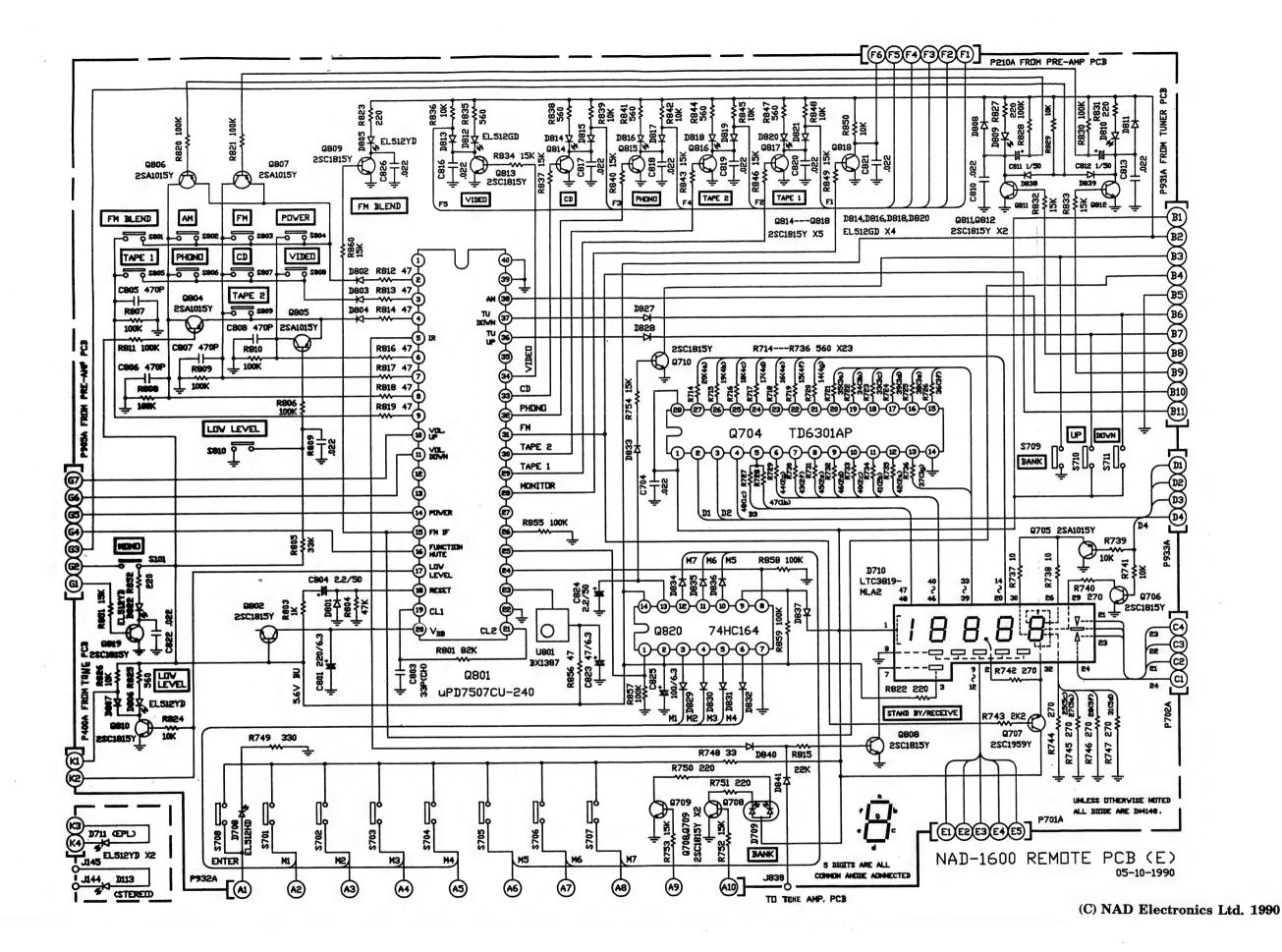


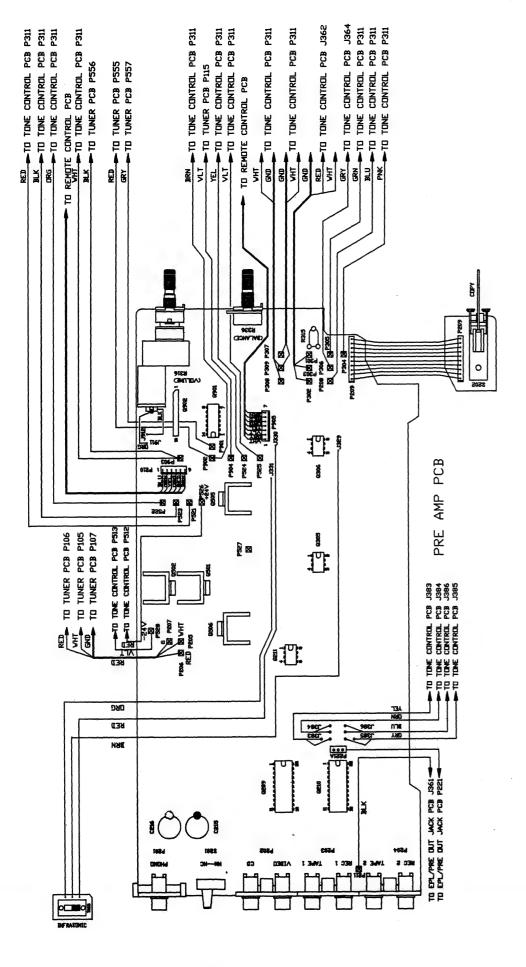
(C) NAD Electronics Ltd. 1990

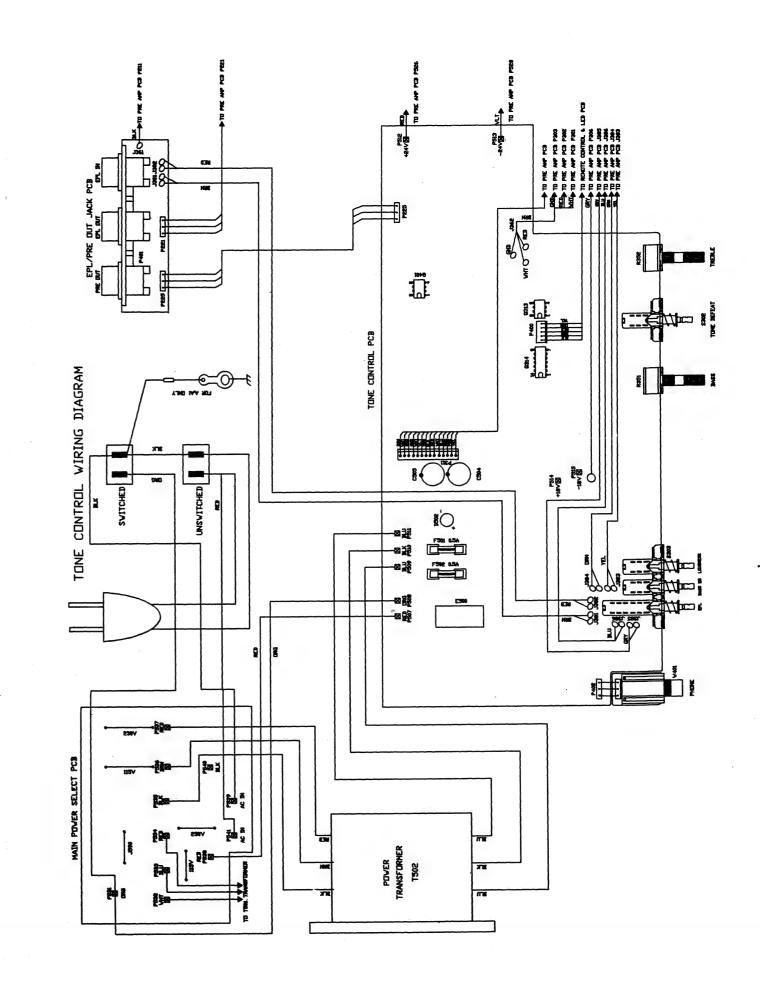




(C) NAD Electronics Ltd. 1990







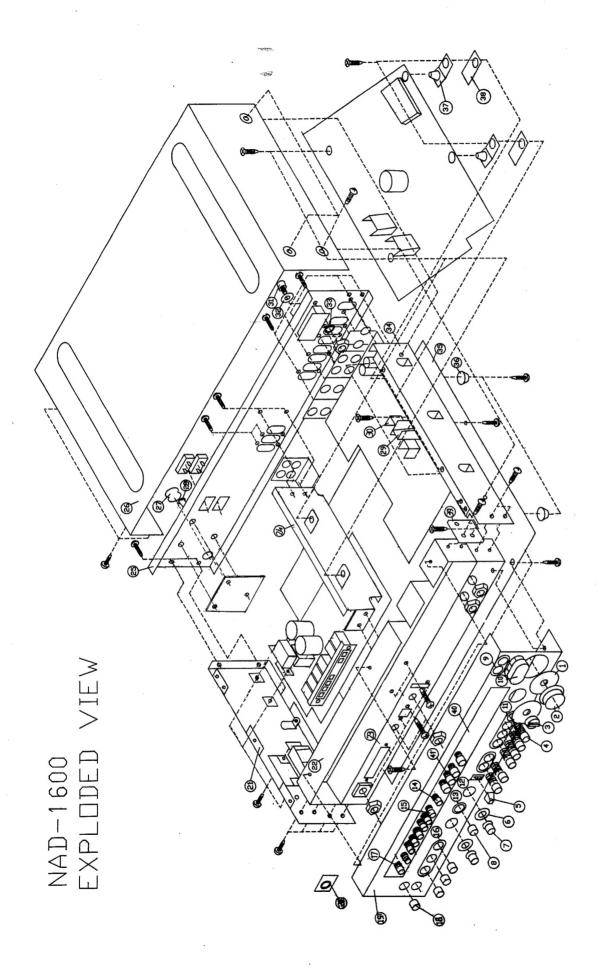
1800 PARTS	LIST		REVISON: A	DATE:9-19-90		SYMBOL NO 1			DESCRIPTION		PICATION	
dunnat no	7.13. 0.00					B200	1	5553132700	PRE-AMP. PCB	329.5*160	an NAD-1	
SANBOT NO	1/0 QTY	PART NO.	DESCRIPTION	SPECIFICATION		C201,C202 C203,C204		5213647991 5247010191		4.7uPMT 100PFJT		50V 50V
						C205		5213447091		47uFHT	±20%	25 V
			PCB ASS'Y TONE PCB ASS'Y			C206 C207,C208		5213447012 5247056091	CAP.CER.	47uPN 56PPJT	±20% ±5%	25V 50V
2444		******	TONE PCB BLOCK			C209,C210		5222118391	CAP. POLY.	18000PFJT	±5%	50¥
B300 C321,G322	2	5213447091	TONE CONTROL	232.5*99mm WAD-11 47uPMT ±20%	50V	C211,C212 C213,C214		5222182291 5222175291		8200PFJT 7500PFJT	15%	50V 50V
C323,C324	2	5222127401	CAP.POLY. P=10mm	0.27KFJ +5%	50V	C215,C216		5213122212	CAP. BL.	2200uFN	±20%	6.3V
C325.C326 C327.C328	Z	5222156291 5213601091	CAP.POLY.	5600PFJT ±5% luPHT ±20%	50V 50V	C217,C218 C219,C220		5247068091		68PFJT 47uFM	±5% ±20%	50V 25V
C329,C330	2	5247115191	CAP.CER.	150PFRT ±10%	50Y	C221		5213122112		220uFN	+20X	6.3V
C331,C332 C333-C335		5213410191 5231810391	CAP. RG.	1 LEPT	25V	C222 C223,C224		5213122191 5213610091		220uFKT 10uFKT	±20% ±20%	6.3V 50V
C401.C402	. 2	5213601091	CAP.BL.	1uPMT ±20%	50V	C225,C226		5222122291	CAP. POLY.	2200PFJT	±5%	50V
C403,C404 C407,C408		5213410191 5213410191	CAP.RL.	100mPMT +20%	257	C227,C228 C229		5231810400 5236110491		0.luFZT 0.luFKT	+80-20X	50¥ 25¥
C409,C410	2	5213610091	CAP.BL.	10uFWT ±20%	25V	C231-C240		5247127191	CAP.CER.	270PFET	±10%	50V
C411,C412 C501	2	5247127191 5230102701	CAP.CER. CAP.CER.	270PPKT +10% 4700PFN +20%	100V	C241-C244 C245,C248		5222110491 5247112191		D.INFJT 120PFKT	±5% ±10%	50V 50V
C502	1	5213410091	CAP.BL.	10uPHT +20%	25V	C247,C248		5213422091		22uPHT	±20%	25 V
C503 C504,C505	2	5213610212	CAL- HPIVITTON L'P L-IONE	1000uFK ±20%	250V 50V	C249 C251,C252		5213601091 5247068001		1uPMT 68PPJ	±20% ±5%	50V 50V
C506	1	5231847391	CAP.CER.	47600PPHT +20%	SOV	C253-C256	4	5247127101	CAP.CER.	210PF1	±5%	50¥
0501 0502			DIODE, RECTIFIER/NOT DIODE, RECTI. BRIDGE/GIT	184602 100V WOLG 100V	1A 1.5A	C301-C304 C305,C306		5222122401 5213647891		0.22KPJ 0.47uPKT	±5% ±20%	50V 50V
8500 P501 A			RELAY (UL/CSA/VDE)	VS-12KB-TV5		C307,C308	2	5247112191	CAP.CER.	120PFKT	±10%	50V
P501 AI	ı i	5554306501	FUSE, 5.2*20mm FUSE, 5.2*20mm	250V/500mA 250V/500mA		C309,C310 C311,C312		5247047091 5213422091		47PFJT 22uFNT	±5% ±20%	50V 25V
P501 B P501 B1			FUSE, 5.2*20mm FUSE, 5.2*20mm	250V/500mA T51 250V/500mA T51	S B M K O	C313,C314	2	5222147401	CAP. POLY. P:10am	0.47KFJ	15%	50V
F501 C	1	5554306500	PUSE, 5.2*20nm	250V/500mA T51	SENEO	C315,C316 C317		5231382191 5213247091		820PPKT 47uFKT	10X 120X	50V 10V
P501 C1 P502 A				250V/500mA T51 250V/500mA	SBMKO	C318	1	5213647991	CAP. EL.	4.7uFMT	±20%	50Y
P502 A1			FUSE, 5.2+20mm	250V/500mA 250V/500mA T51		C319,C320 C336		5247033091 5231810391		33PFJT 10000PFZT	15% 180-204	50V 50V
P502 B P502 B1			FUSE, 5.2+20mm	250V/500mA T51	SEKEO	C337	1	5231522201	CAP.CER.	2200PPM	<u>+</u> 20%	50V
P502 B1			FUSE, 5.2*20mm FUSE, 5.2*20mm	250V/500mA T51 250V/500mA T51 250V/500mA T51	SENKO Senko	C521,C522		5213547091		47uPMT 22PFJT	120% 15%	35V 50V
P502 C1 J340-J355	1	5554306500	PUSE, 5.2*20me	250V/500mA T51	SENTO	C523,C524 C525,C526		5247022091 5213647991		4.7uPMT	+20%	50V
J358-J371		6119210600 6119210600	WIRE, TIN COATED WIRE, TIN COATED	0.60 0.060M		C527, C528		5213547091 5213647991		47uPMT 4.?uPMT	+20% +20%	35V 50V
J383-J386 J381			WIRE, TIM COATED WIRE, SHIELD SEPVE BEW	0.68 0.060M 7/0.12 0.450M	28#	C529,C530 C531,C532		5247022091		22PFJT	±5%	50V
J381A			INSULATION TUBING T=105 AVG		BLK 1.4	C533,C534		5236210401		0.luPM 4.luPMT	120%	25 V 50 V
J382			WIRE, SHIELD SEPVC RED	7/0.12 0.450M	28#	C535 C901,C902	2	5213647991 5213622991	CAP. BL.	2.2uFMT	+20%	50V
J382A P225			INSULATION TUBING T=105 AND PVC 3P RABALLEL WIRE BLE		BLK 1.4 AWG26#	C903	į.	5222110491	CAP. BL. CAP. BL. CAP. POLY. CAP. POLY. CAP. POLY. P=7.5mm CAP.CER.	0.1MPJT	+5%	50V 50V
P400	1	5556102005	SP MALE WAPER	IL-G-5P-83T2-B		C904 C905	1	5231810391	CAP.CER.	10000PFZT	180-20%	50V
P402 P503~P506			PVC 3P RARALLEL WIRE BLK FUSE CLIP (5.20)	7/0.16 60mm CQ-2038	AVG26#	C906	1	5213310191	CAP. BL.	IOUNT	420%	16Y 50V
P507-P514	8	5556201900	SOUTH BY	* *** ****		C907 C908		5222110391 5236110491	CAP, SENI.	10000PFJT 0.1uFKT		25V
Q313 Q314			IC LINEAR / TRC IC,DIGITAL / NEC	1.14.1346 NJH2043D DIP8 UPD6360C DIP14 NJH2043D DIP8 28C1627A-Y HPE=120 28A817A-Y 28C1959-Y 22LJB ±5%		D201-D206	6	6613003030	DIODE, SWITCHING / ITT	184148		
Q401	1	6644066600	IC LINEAR / JRC	NJM2043D DIP8		D301-D313 D505			DIODE, SWITCHING / ITT DIODE, IBNER / HIT	1N4148 NZ-24-1	22.9-24V	
Q402 Q403			TR NPN HF / TSB TR NPN HF / TSB	2SC1627A-Y EFE=120	-240 VCB0=80	D901-D903	3	6613003030	DIODE, SWITCHING / ITT	184148		
Q500	1	6621001021	TR MPN HF / TSB	25C1959-Y		D904 RA			DIODE, ZENER / UNI T=26mm DIODE, ZENER / HIT T=52mm		5.4-5.8V 5.4-5.7V	U.SW
R340 R341-R344	1	5142822390	RES. CARBON FILM RES. CARBON FILM	22KJB ±5% 2RJB ±5%	1/49	D905 , D906	2	6613003030	DIODE, SWITCHING / ITT	1N4148	0.000	
R345-R348	4	5142815290	RES. CARBON FILM	1K5JB +5%	1/4¥ 1/4¥	J201-J204 J207-J225			WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER		0.060M	
R349,R350 R351	2	5142833290 5169020363	RES. CARBON FILM	3K3JB ±5X RK16312AA324-5KB*2	1/4¥	J227-J240	14	6119210600	WIRE, TIN COATE SOFT COPPER	0.69	8.060¥	44400
R352	1	5169020373	VR.	RE1631244309-10EB\$	2	J241 J242-J255			WIRE, PVC WHITE WIRE, TIN COATE SOFT COPPER	7/0.20 0.60	0.050M 0.060M	24 ANG
R353,R354 R355,R356			RES. CARBON FILM RES. CARBON FILM	330KJB ±5K 220KJB ±5K	1/4¥ 1/4¥	J259 A	1	6119210600	WIRE, TIN COATE SOFT COPPER	0.60	0.060M	
R357,R358	2	5142868290	RES. CARBON FILM	8K8JB +5K	1/49	J259 A1 J259 B			WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER		0.060M 0.060M	
R359,R360 R361,R362			RRS. CARBON FILM RRS. CARBON FILM	680JB ±5% 4M7JB ±5%	1/4¥ 1/4¥	J259 B1	. 1	6119210600	WIRE, TIN COATE SOFT COPPER	0.68	0.0608	
R364	1	5142847590	RES. CARBON FILM	4 M 7 JB ±5%	1/49	J259 C J260 A	1	6119210600	WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER	0.60	0.060K	
R366 R367-R370			RES. CARBON FILM RES. CARBON FILM	2K2JB ±5K 10KJB ±5K	1/49 1/49	J260 A1	. 1	6119210600	WIRE, TIN COATE SOFT COPPER	0.60	¥000.0	
R401,R402	2	5142815390	RES. CARBON FILM	15EJB ±5%	1/48	J260 B1	1		WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER		0.060M	
R403,R404 R405,R406	2	5142847390	RES. CARBON FILM RES. CARBON FILM	47KJB ±5K 1KJB ±5K	1/4W 1/4W	J260 C	1	6119210600	WIRE, TIN COATE SOFT COPPER	0.60	0.060N 0.060N	
R407,R408	2	5142847290	RBS. CARBON PILM	4K7JB +5K	1/4W	J261 A J261 A1	1		WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER		0.060K	
R409,R410 R411,R412			RES. CARBON FILM RES. CARBON FILM	22KJB ±5% 120JB ±5%	1/4% 1/2W	J261 B	1	6119210600	WIRE, TIN COATE SOFT COPPER	0.60	0.060M	
R413,R414	2	5130315103	RES. CARBON FILM	150JSL +5%	18	J261 B1	1	6119210600	WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER	0.69	0.0608	
R415,R416 R417,R418	2	5142827290	RES. CARBON FILM RES. CARBON FILM	2K7JB ±5% 8K2JB ±5%	1/4¥ 1/4¥	J262 A		6119210600	WIRE, TIN COATE SOFT COPPER	0.60	0.060x	
R501	1	5142810090	RES. CARBON PILM	10JB <u>+</u> 5%	1/4%	J262 A1	1	6119210600	WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER	0.69	0.060%	
R502 R503			RES. CARBON FILM RES. CARBON FILM	4E7JB ±5%	1/4W 1/4W	J262 B1			WIRE, TIN COATE SOFT COPPER WIRE, TIN COATE SOFT COPPER		0.060W	
\$302	1	5554434800	1P PUSH SWITCH	SPUNIZEO08-TT	.,	1563			WIRE, PYC BLACE	1/0.28	0.100K	24 AVG
8303	1	5554438000	3P PUSH SWITCH	SPUR31E007-773		J270	1	6130003500	WIRE, PVC BLACK WIRE, PVC GRAY	7/0.20	0.120K 0.055K	24 AVG 24 AVG
2010 2010			PHONE. PCB BLOCK	********		J271 J272			WIRE, PVC BROWN	7/0.20	0.050N	24 ANG
C405,C406 W401		5231522291 5556311300		2200PPMT 50V 34-6312-02-030	D DC	J301-J319	19	6119210600	WIRE, TIN COATE SOFT COPPER WIRE, PVC BROWN	0.60 7/0.20	0.060M 0.430M	24 AVG
						J329 J330	1	6130003522	WIRE, PVC RED	1/0.20	0.400M	24 AVG
C371,C372	2	5247010191	JACK PCB BLOCK CAP.CER.	100PFJT +5%	50¥	J331 J520-J528	1	6130003533	WIRE, PVC ORANGE WIRE, TIN COATE SOFT COPPER	1/0.20	0.400M 0.060M	24 AVG
J372	1	6130003500	WIRE, PVC BLACK	7/0.2 0.150K	24AWG	J901-J905	5	6119210600	WIRE, TIN COATE SOFT COPPER-	0.68	0.060X	
J379,J380 P401	2. 1	\$119210600 5556205600	WIRE, TIN COATED SOFT COPPER SP SIGNAL JACK	0.69 0.060M 12-2093		1308-1310	3	6119210600	WIRE, TIN COATE SOFT COPPER	0.68 1/0.20	0.060¥	24400
R371,R372	- 2	5142110290	RES. CARBON FILM	IKJB ±5%	1/4%	J911 J912	1	6130003500	WIRE, PVC ORANGE WIRE, PVC BLACE	7/0.20	0.040M	24AVG
R373,R374 R375,R376			RES. CARBON FILM RES. CARBON FILM	220KJB ±5% 1KJB ±5%	1/4W 1/4W	1201,1202	2	5564401300	TRAP COIL(L=3.7MH+-30%10MH7	22UH +-2	4-407 (3.78	(#06-+H
	-					L203,L204 C1	. 2	5564401330 5564401320	TRAP COIL	470UB +-	20X	
J590-J592	3		POWER TERMINAL PCB BLOCK WIRE, TIN COATED SOFT COPPER	0.68 0.060W		P201	1	5556204710	2P SIGNAL JACK	12-2123-		
P531-P541		5547034400		1.7*1.7*9.4 NAD-71	00/2100	P202-P204 P205-P208	4	5556201900		1.1*1.1*		
		5090408089	PRE-AMP. PCB ASS'Y			P209	1	5555200900	10P PVC PARALLEL WIRE BLE.	7/0.16	L=100	ANG26#
			PRE-AMP. PCB ASS'Y			P210 P211		5556102006 5556201900	SQUARE PIN	16-6-6P-1		
5C08 5C08A			HRAT SINK (S) SCREW BRB RUD TS PC	M3.0*08		P301-P309	9	5556201900	SQUARE PIN	1.1*1.1*	16	
5C12	2	5545306910	HEAT SINE (S)	L=21		P313 P521-P526	1 6	5556201900 5556201900		1.1*1.1*		
SCIZA	2	7033161156	SCREW BRB RUD TS PC	M3.0*08		P528	1	5556201900	SQUARE PIN	1.1*1.1*	16	
						P901-P904 P905		5556201900 5556102007	SQUARE PIN TP WALE WAFER	1.1*1.1* IL-G-TP-		
							•					

SYMBOL NO I/D	QTY	PART NO.	DESCRIPTION	SPECIFICATION				PART NO.	DESCRIPTION	SPECIFICATION	
Q281 RA	1	6621034330	TR, NPW BF / MIT TR, NPW BF / TSB TR, NPW BF / TSB TR, NPW BF / MIT TR, NPW BF / TSB IC, DIGITAL/WEC IC LINEAR / JAC TR, RET / TSB TR, RET / TSB TR, RET / TSB TR, NPW BF / TSB	2SC2602-G MF=1.8DB TAPIN	\$202				LEVER SWITCH	SLLR543HD1-TT	
Q201 RB Q202 RA	1	6621034830	TR.NPH HP /TSB	2SC3329BL VCEO=80V TAPI) 2SC2602-G WF=1.8DB TAPI)					INPRASONIC		
Q202 RB	i	6621034830	TR.NPH HP /TSB	2SC3329BL VCRO=80V TAPLE	\$301		1	5554431610	SLIDB SWITCH	SSSB022HB1-NB1-TT	
Q203 RA Q203 RB	1	6621034330 6621034830	TR, NPH HF /TSB	28C3329BL VCBO=80V TAPIN					REMOTE PCB ASS'Y		
Q204 RA Q204 RB	1	6621034330 6621034830	TR.MPN HF /HIT TR.MPN HF /TSB	2SC2602-G NF=1.8DB TAPI) 2SC3328BL VCB0=80V TAPI)	B801		1	5553131401	REMOTE PCB ASS'T REMOTE PCB CAP.CER. CA	414*71 NAD-1600	
Q205-Q208	į	6623002050	TR. NPN HP / TSB	25A1015-Y	C704 C801		1	5231822391 5210403800	CAP.CBR.	22000PFZT +80-0.2% 220uFM +20%	50V 6.3V
Q209,Q210 Q211	1	6644966600	IC LINBAR /JRC	NJH2043D DIP8	C803		i	5242233001	CAP.CER.	33PFJ +5%	50Y 50V
Q301-Q304 Q305,Q306	4 2	6625003730 6644066600	TR, PBT /TSB IC LINBAR /JRC	25K363GR VGDS=-40V NJH2043D DIP8	C804 C805-C80	8	2	5247147191	CAP.CER.	470PPRT ±10%	50Y
Q307,Q308	2	6625003730	IC LIVERAR JAC TE, RET /TSS TA, RPR BF /TS TA, RPR BF /TS TA,	25K363GR VGDS=-40V	C809,C81 C811,C81	0 2	2	5231822391 5213601091	CAP.CER.	22000PFZT +80-0.2% 1uF8T +20%	50V
Q309 Q310	1	6623002050	TR.NPH BF /TSB	2SA1015-Y	C813 C816-C82	•	1	5231822391	CAP.CER.	22000PFZT +80-0.2%	50V 50V
Q311,Q312 Q501	2	6621018700 6622012802	TR, NPH HF /TSB (LOW HOLSE) TR, NPH LF /HIT	28C2878-A 28D669AC	C823	ž.	1	5293147000	CAP.BL.(MINI)	47uPN ±20%	6.3V
Q502	1	6624009401	TR. MPH LF /HIT	2SB649A-C 160V 1W	C824 C825		1	5213622910 5213110110	CAP.EL.	2.2uPN ±20% 100uPN ±20%	5.3V
Q503 Q504	1	6623002050	TR. HPH HP /TSB	2SA1015-Y	C826 D708		1	5231822391	CAP.CER.	22000PFZT +80-0.2%	50V DIFFUSED
Q505,Q506 Q507	2	6624009401 6621015302	TR, NPN LF /HIT TR, NPN HF /TSB	2SB649A-C 160V 1W 2SC1815-Y	D709		1	6618017400	DIODE, LED. / BLT. TELLOW/GREEN	RL-529YGW-2*5mm	DIATE
Q508 Q901 RA	1	6623002050 8645019800	TR, NPN HF /TSB	2SA1015-Y LC4001B DIP14	D710 D801-D80		1	6613003030	DIODE, ENGLISH ITT	IN4148	, plair
Q901 RB	i	6645019801	IC. DIGITAL /TSB	TC4001BP DIP14	D805; D80 D807, D80	6	2	6618009400	DIODE, LED./ SEN, YELLOW DIODE, SWITCH/ ITT	SB-9431D 2*5mm 1N4148	DIFFUSED
Q902 R201,R202	1 2	5644067100 5142147290	RES. CARBON FILM	LB1645N SIP10 4K7JB ±5K 1/4W	D809,D81	0	2	6618010900	DIODE, LED./ SEN, GREEN	SE9421D/LT5321-41	2#5mm
R203,R204 R205,R206	2	5142833490	RES. CARBON FILM	330KJB ±5% 1/4W 56KJB ±5% 1/4W	D811 D812				DIODE, SWITCH/ ITT DIODE, LED./ SEN, GREEN	1N4148 SB9421D/LT5321-41	2#5mm
R207,R208	ž	5142839290	RES. CARBON FILM	3K9JB 45% 1/4W	D813 D81€		1	6613003030	DIODE, SWITCH/ ITT DIODE, LED./ SEN, GREEN	1N4148 SE9421D/LT5321-41	2*5mm
R209,R210 R211,R212		914E000190	RES. CARBON FILM RES. CARBON FILM	4K1JB 45% 1/4W	D815		1	6613003030	DIODE, SWITCH/ ITT	1N4148	
R213,R214 R215,R216			RES. CARBON FILM RES. CARBON FILM	220JB <u>+</u> 5% 1/4W 27KGB <u>+</u> 2% 1/4W	D816 D817				DIODE, LED./ SEN, GREEN DIODE, SWITCH/ ITT	SB9421D/LT5321-41 1N4148	
R217,R218	2	5141812490	RES. CARBON FILM	120KGB 12K 1/4W	D818 D819		1	6618010900	DIODE, LED. / SEN, GREEN DIODE, SWITCH/ ITT	SB9421D/GT5321-41 1N4148	2*5mm
R219,R220 R221,R222	2	5141818190	RES. CARBON FILM RES. CARBON FILM	10KGB ±2X 1/4W 180GB ±2X 1/4W	0820		1	6618010900	DIODE, LED./ SEN, GREEN	SB9421D/6T5321-41	2*5mm
R223,R224 R225,R226	2	5141820190	RES. CARBON FILM RES. CARBON FILM	200GB ±2% 1/4% 15GB ±2% 1/4%	D821 D822		1	6613003030 6618009400	DIODE, SWITCH/ ITT DIODE, LED./ SEN, YELLOW	184148 SB-9431D 2*5mm	DIFFUSED
R227, R228	2	5142815190	RES. CARBON FILM	150JB ±5% 1/4W	D827-D84 J701,J70		5	6613003030	DIODE, SWITCH/ ITT WIRE, TIN COATED SOFT COPPER	1N4148 0.60 0.060M	
R229,R230 R231.R232			RES. CARBON FILM RES. CARBON FILM	470JB ±5% 1/4W 100JB ±5% 1/4W	J709-J71	5	?	6119210600	WIRE, TIN COATED SOFT COPPER	0.060M	
R233-R236	4	5142856290	RES. CARBON FILM RES. CARBON FILM	5X6JB +5% 1/4W 10KJB +5% 1/4W	J801-J82 J829	8	1	6119210600 6130003533	WIRE, TIN COATED SOFT COPPER WIRE, PVC ORANGE	0.66 0.060N 7/0.20 0.170N	24AWG
R237,R238 R239,R240	2	5142810290	RES. CARBON FILM	1KJB ±5% 1/4W	J830 J831		1	6130003544	WIRE, PVC YELLOW	7/0.20 0.150H 7/0.20 0.450H	24AWG 24AWG
R241-R254 R255-R264	14	5142822490 5145810290	RES. CARBON FILM RES. CARBON FILM	220KJB ±5% 1/4W 1KJB +5% 1/4W	J832		1	6130003566	WIRE, PVC BLUE	7/0.20 0.055M	24AWG
R265	8	5145810390	RES. CARBON FILM	10KJB ±5% 1/4W 22KJB ±5% 1/4W	J833 J834		1	6130003577 6130003588	WIRE, PVC PURPLE WIRE, PVC GRAY	7/0.20 0.120M 7/0.20 0.120M	24AWG 24AWG
R266 R267,R268	2	5142810590	RES. CARBON FILM RES. CARBON FILM	1MJB +5% 1/4W	J835		1	6130003522	WIRE, PVC RED	7/0.20 0,850M 7/0.20 0.130M	24AWG
R269 R270	1	5142122490 5142822490	RES. CARBON FILM RES. CARBON FILM	220KJB ±5% 1/6W 220KJB ±5% 1/4W	J836 J83?		1	6130003533	WIRE, THE COATED SOFT CUPPER WIRE, PVC DELLON WIRE, PVC TELLON WIRE, PVC TELLON WIRE, PVC BLUR WIRE, PVC DANY WIRE, PVC GRAY WIRE, PVC GRAY WIRE, PVC GRAY WIRE, PVC WAITE WIRE, PVC WAITE	7/0.20 0.140M	24AWG
R271,R272	2	5142847190	RES. CARBON FILM	470JB ±5% 1/4W 91KJB ±5% 1/4W	1838 1838		1	6119210600 6130003500	WIRE, TIN COATED SOFT COPPER WIRE, PVC BLACK	0.68 0.060K 7/0.20 0.070M	24AWG
R273,R274 R275,R276	2	5142831330	RES. CARBON FILM RES. CARBON FILM	100KJB +5% 1/4%	J840		1	6130003511	MIRE, THE COATED SOFT COPPER WIRE, PVC BLOWN WIRE, PVC BROWN WIRE, PVC CANNGE WIRE, PVC COANNGE WIRE, PVC PURPLE WIRE, PVC PURPLE WIRE, PVC BOOWN MIRE, PVC BED IC. DIGITAL/ TSB TR. MPR HP/ TSB TC. MERORY/ MEC	7/0.20 0.100K	24AWG 24AWG
R271,R278 R279	2	5142810190 5142822390	RBS. CARBON PILM RRS. CARBON PILM	100JB ±5% 1/4W 22KJB +5% 1/4W	. J841 J842		1	6130003511 6130003533	WIRE, PVC GRANGE	7/0.20 0.055M 1/0.20 0.055M	24AWG
R281	i	5142810490	RES. CARBON FILM	100KJB ±5% 1/4W	J843 J844		1	6130003577	WIRE, PVC PURPLE	7/0.20 0.060M 9/0.20 0.080M	24AVG 24AVG
R301-R304 R305,R306	2	5142812490	RES. CARBON FILM	1MJB ±5% 1/4W 120KJB ±5% 1/4W	J845		1	6130003522	WIRE, PVC RED	1/0.20 0.090W	24AWG
B307,R308 R309,R310	2	5142810290 5142847390	RRS. CARBON FILM	1KJB ±5% 1/4¥ 47KJB ±5% 1/4¥	Q704 Q705		1	6623002050	TR. PNP HP/ TSB	28A1015-Y	
R311,R312	2	5142847290	RES. CARBON FILM	4K7JB ±5% 1/4W 220JB ±5% 1/4W	9706 9707		1	6621015302 6621001021	TR. NPN HF/ TSB TR. NPN HF/ TSB	2SC1815-Y TAPING 2SC1959-Y	
R313 R314	1	5142827290	RES. CARBON FILM	220JB ±5x 1/4w 217JB ±5x 1/4w	Q708-Q7	10	3	6621015332	TR. NPN HF/ TSB	2SC1815-Y	DIP40
R315 R316	1	5162401729 5169000062	RES. CARBON FILM	5K RH0811A50250 20KB*2 RK16312M1001	Q801 Q802			· 0001014446	THE REA MEY LOD		<b>51</b> (10
B317,R318	2	5142818390	RES. CARBON FILM	18KJB ±5% 1/4W 3K3JB ±5% 1/4W	Q804-Q80 Q808	)?			TR. PMP HF/ TSB TR. MPH HF/ TSB	25A1015-Y 25C1815-Y TAPING	
R319,R320 R321,R322	2	5142868290	RES. CARBON FILM	6K8JB ±5K 1/4W	Q809-Q8		11	6621015332	TR. MPR HF/ TSB	28C1815-Y TC74HC164P 14P	
R323,R324 R325	2	5142810190 5142847501	RES. CARBON FILM	100JB ±5% 1/4W 4H7JC ±5% 1/4W	Q820 R714-R7		- 4	5142156190	IC. DIGITAL/ TSB RES. CARBON FILM	560JB ±5%	1/64
R326	1	5142822490	RES. CARBON FILM RES. CARBON FILM	220KJB ±5% 1/4W 1KJB ±5% 1/4W	R718-R73 R721-R73		3	5142856190 5142156190	RES. CARBON FILM RES. CARBON FILM	560JB <u>+</u> 5% 560JB <u>+</u> 5%	1/4¥ 1/6¥
P-1-2-3	- 1	2175055570	WOO! AWRDON LING	number its tite	R727,B7	28	2	5142156101	RES. CARBON FILM	560JB ±5%	1/6¥ 1/4¥
R330 R331	1	5142810390	RES. CARBON PILM RES. CARBON PILM	1KJB ±5K 1/4W 10KJB ±5K 1/4W	R729-R7 R733-R7	36	- (	5142156190	RES. CARBON FILM RES. CARBON FILM	560JB ±5%	1/6¥
R332,R333 R334,R335	2	5142810290	RES. CARBON FILM RES. CARBON FILM	1EJB ±5% 1/4W 1EJB ±5% 1/4W	R737,R7	38	2	5142810090 5142110390	RES. CARBON FILM RES. CARBON FILM	10JB ±5% 10KJB ±5%	1/4¥ 1/6¥
R336	1	5169010433	VR.	20EW RK163111E287	2740		1	5142827190	RES. CARBON PILM RES. CARBON FILM	270JB ±5% 10KJB ±5%	1/4W 1/6W
R337,R338 R339			RES. CARBON PILE RES. CARBON PILE	15JB ±5% 1/6W 1KJB ±5% 1/4W	R741 R742		1	5142827190	RBS. CARBON FILM	270JB ±5%	1/49
R363	- 1	5142847590	RES. CARBON FILM	4M7JB ±5% 1/4% 100KJB ±5% 1/4%	R743 R744-R7	47	1	5142822290	RES. CARBON FILM RES. CARBON FILM	2K2JB ±5% 270JB ±5%	1/4¥ 1/4¥
R365 R505,R506	- 1	5133210003	RES. FUSIBLE	10JSL 14A 1W	R748	.,	1	5142833090	RES. CARBON FILM	33JB ±5%	1/4¥ 1/6¥
R507-R510 R511-R513	4	5142815290 5142812290	RES. CARBON FILM	185JB ±5% 1/4% 182JB ±5% 1/4%	R749 R750,R7	51	1 2	5142822190	RES. CARBON FILM RES. CARBON FILM	330JB ±5% 220JB ±5%	1/49
R514	1	5142833190	RES. CARBON FILM	330JB 45% 1/41	R752 R753, R7		1 2	5142115390	RES. CARBON FILM RES. CARBON FILM	15KJB ±5K 15KJU ±5K	1/6¥ 1/4¥
R515 R516	1	5142827390	RES. CARBON FILM RES. CARBON FILM	18KJB ±5X 1/45 27KJB ±5X 1/45	R801	.,	1	5142175390	RES. CARBON FILM	PSKJB ±5%	1/6¥ 1/4¥
R517 R518			) RES. CARBON FILM ) RES. CARBON FILM	68KJB +5% 1/4% 1KJB +5% 1/4%	R803 R804		1	5142147390	RES. CARBON FILM RES. CARBON FILM	1KJB ±5% 47KJB ±5%	1/69
R519		514282239	RES. CARBON FILM	22EJB 45E 1/41	R805 R806		1	5142133300	RES. CARBON FILM RES. CARBON FILM	33KJ ±5% 100KJ ±5%	1/6¥ 1/6¥
R520 R521,R522		2 514281529	D RES. CARBON PILM D RES. CARBON PILM	185JB +5% 1/41	R807-R8	10	- 4	5142110490	EBS. CARBON FILM	100KJB ±5% 100KJB ±5%	1/6¥ 1/4¥
R523 R524		1 514282239 1 514282739	0 - RES. CARBON FILM O RES. CARBON FILM	22KJB ±5% 1/41 27KJB ±5% 1/41	R811 R812,R8	13		5142847090	RES. CARBON FILM RES. CARBON FILM	47JB ±5%	1/49
R525		1 514288239	RES. CARBON FILM	82KJB ±5% 1/49	R814 R815		1		RES. CARBON FILM RES. CARBON FILM	47JB ±5% 22KJB ±5%	1/6¥ 1/4¥
R901,R902 R903,R904		2 514281049 2 514281039	B RES. CARBON FILM	10KJB 45% 1/4	R816		1	5145847006	RES. CARBON FILM	47J20 ±5%	1/4¥ 1/4¥
R905,R906 R907,R908		2 514281249 2 514281039		120KJB ±5% 1/41 10KJB +5% 1/41	R817-R8 R820,R8		2	5142810490		47JB ±5% 100KJB ±5%	1/49
R909, R910		2 514281059	O RES. CARBON FILM	18JB ±5% 1/4	R822,R8			5142122190	RES. CARBON FILM	220JB ±5% 10KJB ±5%	1/6W 1/4W
R911,R912 R913,R914			O RES. CARBON FILM	100KJB ±5% 1/4 10KJB ±5% 1/4	R825		1	5142156190	RES. CARBON FILM	560JB <u>+</u> 5%	1/6¥
R915 R916		1 514282239 1 514281009	Q RES. CARBON FILM O RES. CARBON FILM	22KJB ±5% 1/4 10KJB ±5% 1/4	R826 R827		1	5142122190	RES. CARBON FILM	10KJB ±5K 220JB ±5K	1/6W
\$201		1 555443180	O , SLIDE SWITCH	ZFUB22-10	R828 R829		1	5142110490		100KJB ±5% 10KJB ±5%	1/6W
			COPY PCB BLOCK		R830		1	5142110490	RES. CARBON FILM	100KJB ±5%	1/6W
J256-J258		3 611921060	O WIRE, TIN COATED SOFT COPP	BR 0.60 0.060M	R831		1	5142822196	RES. CARBON PILM	220JB <u>+</u> 5%	1/44

SYMBOL NO I/D			DESCRIPTION		FICATION		٠.	SYNBOL NO	1/0	QTT	PART NO.	DBSCRIPTION  CAP. CER. CAP. CER. CAP. BL. CAP. BL. CAP. EL. CAP. CAP. CAP. EL. CAP.	SPEC)	FICATION	
R832,R833	2	5142815390	RES. CARBON FILM	15KJB	<u>+</u> 5%	1/4%		C179,C180		2	5231510291	CAP. CER.	1000PPMT	+20%	V02
R834 R835			RES. CARBON FILM RES. CARBON FILM	15KJB 560JB	±5% ±5%	1/6¥ 1/6¥		C183,C184		2	5213647991	CAP. BL.	4.7uF#T	+80-20% +20%	50V
R836 R837			RES. CARBON FILM	10KJB	+5% +5%	1/6¥ 1/4¥		C551		1	5222222301	CAP. POLY.	22000PFK	+10%	50V
E838	1	5142156190			<u>+</u> 5%	1/64		C554		i	5213547112	CAP. BL.	470uFN	+20%	35V
R839 R840	1	5142110390 5142115390	RES. CARBON PILM RES. CARBON PILM	10KJB 15KJB	±5% ±5%	1/6¥ 1/6¥		C556		1	5213547091 5231822391	CAP. EL. CAP. CBR.	47uPMT 22000PPZ1	+20% +80-20%	35V 50V
R841	1	5142856190	RES. CARBON FILM	560JB 10KJB	±5%	1/4W 1/6W		C557		1	5213447091	CAP. EL.	4fuFHT	±20%	25V
2842 8843	1	5142115390	RES. CARBON FILM	15KJB	±5% ±5%			Ċ\$59		1	5213310112	CAP. BL.	100uPN	+20X	16V
2844 2845	1	5142156190 5142110390	RES. CARBON PILM RRS. CARBON PILM	560JB 10KJB	±5% ±5%	1/6# 1/6#		C560 C561		1	5213310191 5213522112	CAP. EL. CAP. EL.	100uPMT 220uPM	+20% +20%	16V 35V
R846 R847	1	5142115390	RES. CARBON PILE	15KJB 560JB	±5%	1/69		C564		1	5213722118	CAP. RL.	220uP#	+20%	63V
R848	1	5142110390	RES. CARBON PILM	10KJB	±5% ±5%	1/64		C586		1	5213601091	CAP. BL.	luPMT	+20%	50V
R849 R850	1	5142115390 5142110390	RES. CARBON PILM RES. CARBON PILM	15KJB 10KJB	±5% ±5%	1/6W 1/6W		C568		1	5231822391 5222222301	CAP. CBR. CAP. POLY.	22000PFZT 22000PFK	+80-20X	50V 50V
R851 R852	1	5142815390	RES. CARBON PILE	15KJB 220JB	±5% ±5%	1/49		C572		1	5213322212	CAP. BL.	2200uFN	+20%	16V
1855	1	5142810490	RES. CARBON FILM	100KJB	<u>+</u> 5%	1/4W		C574		1	5213122191	CAP. BL.	220uPHT	+20%	6.3V
R856 R857-R859	3	5142147090	RES. CARBON FILM	47JB 100KJB		1/6¥ 1/4¥		C576		1	5213310012	CAP. POLY.	10uPM	+10% +20%	16V
R860 S101	1	5142115390 5054512940	RES. CARBON PILM SWITCH, TACT SPST ALPS	15KJB R=100CR	±5% H=4.3WW	1/6¥		C577		1	5213610091 5213647991	CAP. BL.	10uPET	+20% +20%	50V.
S701-S711	11	5054512940	SWITCH, TACT SPST ALPS	F=100GF	H=4.3HH	DC12V/50mA		C703		i.	5213601091	CAP. BL.	luPKT	±20%	50V
S801-S810 U801	10	5550000200	SWITCE, TACT SPST ALPS INFRARED REMOTE CONT. RECEI	VER VER	BX-1387/	BC140K		C814,C815		2	5213247091	CAP. BL.	22uPHT	±20%	164
			LED PCB BLOCK					C913		1	5231847391 5215001201	CAP. CER.	4700uPMT	+20% +20%	50V 6.3V
D113,D711	2	6618009400	DIORD, LED YELLOW/ SEN	SB-9431D	2*5mm	DIFFUSED		C933		1	5242218091	CAP. CER.	18PFJT	±5%	50V
PART LIST		****	PARENT BLOCK :					C935		1	5242247091	CAP. CER.	47PPJ?	±5%	50V
R760		5142110400 #####	RES. CARBON FILM PARENT BLOCK :	100KJ	<u>+</u> 5%	1/64		C936 C937, C938		1 2	5213247091 5231810391	CAP. EL. CAP. CER.	47uPHT 10000PPZT	+20% +80-20%	10V 50V
								C939		1	5231847391	CAP. CER.	47000PFNT	±20%	50V
			TUNER PCB ASS'T TUNER PCB BLOCK					C941		1	5213510112	CAP. BL.	100uPT	+20%	35V
5C10 5C10A	2	5545306900 7033161156	HEAT SINE (S) SCREW BEB RUD TS PC	MAD-7100 M3.0*08				C942 C942	A Al	1	5231822391 5231822391	CAP. CER.	22000PFZT 22000PFZT	+80-20% +80-20%	50V 50V
B100 C100	1	5553131601	TUNER PCB	279#158	HAD-1600	EAU		C942	8	1	5231822391	CAP. CER.	22000PPZT	+80-20%	50V
C102	1	5231810391	CAP. CER.	10000PFZT	+80-20%	50V		C942	C	1	5231822391	CAP. CER.	22000PFZT	+80-20%	50V
C103,C104 C105	1	5231822391 5231847391	CAP. CER.	22000PFZT 47000PFKT	+80-20%	50V		C943		1	5236310402	CAP. CKR. F=5mm CAP. BL.	0.luFZ luFUT	+20%	50V
C106 C107	1	5213310191 6231847391	CAP. EL.	100UPRT 47000PRWT	+20% +20%	16Y 50V		C945 C946 . C947		1 2	5213622991 5213601091	CAP. RL.	2.2mPMT	±20% +20%	50V 50V
C108,C109	2	5231822391	CAP. CER.	22000PFZT	+80-20%	50V		C948		1	5231810391	CAP. CBR.	10000PFZT	+80-20%	50V
C110 C111	1	5231810391	CAP. CER.	1000PPZT	180-20X	50Y		C950,C951		2	5231810391	CAP. CBR.	10000PFZT	+80-20%	50V
C112,C114 C118	2	5231822391 5231822391	CAP. CER.	22000PFZT 22000PFZT	+80-20% +80-20%	50V 50V		C953 C954		1	5231810391 5231510291	CAP. CER.	10000PFZT 1000PFKT	+80-20% +20%	50V 50V
C119-C121 C122	3	5231847391 5231822391	CAP. CER.	47000PPMT 22000PPZT	±20% +80-20%	50V 50V		D101,D102 D103-D105		2	6612004001 6613003030	DIODE, DETECTOR/ TSB DIODE, SWITCHING/ ITT	1H60 1H4148		
C123 C124	1	5213601012	TURE FOR BLOCK BERG TIME (S) SCREW BRB RUD TS PC TURER FOR CAP. CER.	luPK	+20%	50V		D107,D108 D109,D110		2	6613003030	DIODE, SWITCHING/ ITT DIODE, VARICAP/ SYO	1N4148 SVC321A		
C125	1	5231822391	CAP. CER.	22000PFZT	+80-20%	50V		D112,D114		2	6613003030	DIODE, SWITCHING/ ITT	184148		
C126 C127	1	5231847391 5213310112	CAP. CER.	47000PFNT 100uFN	±20% ±20%	50V 16V		D115,D116 D118				DIODE, DETECTOR/ TSB DIODE, SWITCHING/ ITT	1W60 1W4148		
C128 C129	1	5231822391 5213222191	CAP. CER.	22000PFZT 220+FWT	+80-20% +20%	50V 10V		D551-D554 D555			6611007230 6615013800	DIODE, RECTIFIER/ NOT	1W4002	100V	1.0A
C130 C131	1	5213622991	CAP. BL.	2.2uFNT	+20%	50V		D556-D559 D560		4	6611007230	DIODE, RECTIFIER/ NOT DIODE, SWITCHING/ ITT	1N4002 1N4148	100V	1.04
C132	1	5213610091	GAP. BL.	10uPMT	±20%	50V		D561,D562		2	6611007230	DIODE, RECTIFIER/ NOT	1N4002	1007	1.0A
C133 C134,C135	2	5213622991	CAP. CER.	2.ZUFAT 22000PFZT	+20% +80-20%	50V 50V		D563 D823-D826		4	6613003030	DIODE, SWITCHING/ ITT DIODE, SWITCHING/ ITT	1H4148 1H4148		
C136,C137 C138	2	5552402900 5242205001	TRINNER CAP. CRR.	CTZ51F111 SPFC	40.25PF	OPR 50V		D931-D934 D937-D940		1	6613003030 6613003030	DIODE, SWITCHING/ ITT DIODE, SWITCHING/ ITT	1N4148 1N4148		
C139 C140	1	5226142100	CAP. POLY.	420PPJ	±5%	50V		P551 P551	A	1	5554309810	PUSE, MEDIUM BLOW SMT1 FUSE, MEDIUM BLOW SMT1	5.2*20	125V 125V	là là
C141	1	5231510291	CAP. CER.	1000PFHT	±20%	50V		P551	В	1	5554306800	FUSE, T51	5.2*20	250V	14
C143	1	5213647991	CAP. EL.	4.7uPHT	+20%	50V 50V		P551	C BI		5554306800 5554306800	DUAD AT 1	5.2*20 5.2*20	250V 250V	1A 1A
C144 C145		5213647891 5231822391	CAP. BL. CAP. CER.	0.47uFM 22000PFZT	±20% +80~20%	50V 50V			C1 Å	1	5554306800 5554309810	PUSB, TS1 PUSB, MEDIUM BLOW SMT1	5.2*20 5.2*20	250V 125V	1A 1A
C146 C147	1	5213647991 5231810391	CAP. BL.	4.7uFHT 10000PFZT	±20%	50V		P552	A1 B	1	5554309810	FUSE, MEDIUM BLOW 5MT1 FUSE, T51	5.2*20	125V 250V	IA IA
C148	1	5213310112	CAP. BL.	100uPM	+20%	16V		P552	Bl	i	5554306800	PUSB, T51	5.2*20	250V	14
C149 C150	1	5231510291 5231822391	CAP. CER.	1000PFNT 22000PFZT	+80-20%			F552	C Cl	1	5554306800	FUSE, T51 FUSE, T51 FUSE, T51 PN DETECTOR IFT	5.2*20 5.2*20	250V 250V	1A 1A
C151 C152		5242247091 5213610091		47PFJT 10uPHT		50V 50V	•	1102 1103		1	5565400600 5565105200	PN DETECTOR IFT AN IFT AN IFT (2)	0203-384-1 2150-384-1	F008A F142	
C153 C154	1	5231822391 5213610091	CAP. CER.	22000PFZT 10uPNT	+80-20%			I104 J100,J101		1	5565105400	AM IFT (2) WIRE, TIN COATED SOFT COPPE	2150-384-	V317 0.060M	
C155	1	5222122391	CAP. POLY.	22000PFJT	±5%	50V		J103		1	6119210600	WIRE, TIN COATED SOFT COPPER	0.69	0.060M	
C158 C160	1	5231822391 5236210401	CAP. SEMI.	22000PPZT 0.luFE	±20%	25V		J105-J112 J114-J121		8	6119210600	WIRE, TIN COATED SOFT COPPED WIRE, TIN COATED SOFT COPPED	0.60	0.060K	
C161 C162		5247139191 5213610091		390PFET 10uFMT		50V 50V		J123-J130 J131		•	C140001ECC	WIRE, TIN COATED SOFT COPPER WIRE, PVC BLUE	7/8 90	0.060M	24AVG
C163 C164	1	5222147391 5213322112	CAP. POLY.	47000PFJT 220uFN	+5%	50V		J132 J133		1	6130003544	WIRE, PYC YELLOW WIRE, PYC WHITE WIRE, PYC PURPLE	7/0.20	0.090N 0.070N	24AWG 24AWG
C165	1	5215000400	CAP. BL.	0.22uFK	+20%	16Ý 50V		J134		i	6130003577	WIRE, PVC PURPLE	7/0.20	0.040M	24AWG
C166 C167	1	5213601091 5213601012	CAP. EL.	lufur lufu	+20%	50V 50V		J135 J143		1	6130003556	WIRE, TIN COATED SOFT COPPED WIRE, PVC BLUE	7/0.20	0.060M 0.160M	24AVG
C168 C169		5213601091 5222210391		IUPKT 10000PPKT		50V 50V		J148 J149						0.080M 0.070M	24AWG 24AWG
C170	1	5236210401 5226191100	CAP. SEMI.		+20%	25V 50V		J150 J151		1	6130003533	WIRE, PAC BROWN WIRE, PAC ORANGE WIRE, TIN COATED SOFT COPPE	7/0.20	0.150M 0.060M	24AVG
C171 A1	-1	5226191100	CAP. POLY.	910PPJ	+5%	50¥		J152		1	6130003577	WIRE, PVC PURPLE	1/0.20	0.130M	24AVG
C171 B C171 B1	1	5226142100 5226142100	CAP. POLY.	420PPJ 420PPJ		50V 50V		J563-J576 J716,J717		2	6119210600	WIRE, TIN COATED SOFT COPPER WIRE, TIN COATED SOFT COPPER	0.69	0.060M	
C171 C C171 C1		5226142100 5226142100		420PFJ 420PFJ		50V 50V		J931-J937 J938	A	7	6119210600 6119210600	WIRE, TIN COATED SOFT COPPED WIRE, TIN COATED SOFT COPPED	0.68	0.060M 0.060M	
C172 A C172 A1	1	5226191100 5226191100	CAP. POLT.	910PFJ 910PFJ	±5%	50V 50V			Ål	1	6119210600	WIRE, TIN COATED SOFT COPPEN WIRE, TIN COATED SOFT COPPEN	0.60	0.060M 0.060M	
C172 B	1	5226142100	CAP. POLY.	420PFJ	±5% ±5%	50 V		L101		1	5564102600	LOOP ANT. COIL (LE-412)	CO2-384-9	407	
C172 B1 C172 C	1	5226142100 5226142100	CAP. POLY.		±5% ±5%	50V 50V		L102 P105-P108		4	5556201900	AN OSC COIL (120UH) SQUARE PIN	2157-384- 1.1*1.1*1	6	
C172 C1 C173,C174		5226142100 5213647991		420PFJ 4. TuPMT	±5% +20%	50V 50V		P113-P115 P551-P557		7	5556201900 5556201900	SQUARE PIN	1.1*1.1*1		
C176 C178	1	5231510291 - 5240103000	CAP. CER.	1000PPKT		50V 50V		P558-P561 P701		4	5547032210	PUSE CLIP (5.2) 5P HALE WAPER	CQ-2038 [L-G-5P-S		
	•				744	-01		4147		4		AP WENN ADPRIN	70 0 01 0	0	

			PART NO.	DESCRIPTION	SPECIFICATION		SYMBOL NO		PART NO.	DESCRIPTION	SPECIFICATION
P102		1	5554102004	4P MALE WAPER SQUARE PIN 11P MALE WAPER 10P MALE WAPER 4P MALE WAPER 3P PVC PARALLEL WIRE BLK	IL-G-4P-S3T2-B			1	5142112490	RES. CARBON FILM	
PT03,PT04 P931		2 1	5556201900 5556102011	SQUARE PIN 11P WALE WAFER	1.1*1.1*16 IL-G-11P-S3T2-B		R183,R184	£	5142812490	RES. CARBON FILM RES. CARBON FILM	120KJB +5% 1/4W
P932 P933		1	5556102010	10P HALE WAPES	IL-G-10P-S372-E IL-G-4P-S372-E		R185			RBS. CARBON PILM RBS. CARBON PILM	4R73B +5% 1/6W 4R73B +5% 1/4W
P934		1	5556900220	3P PVC PARALLEL WIRE BLK	7/0.16 L=120mm	AVG26#	R189,R190 R191,R192	2	5142168290	RES. CARBON PILM RES. CARBON PILM	6K8JB ±5% 1/6W 1K5JB ±5% 1/4W
P935.P936 Q101.Q102		2	5556201900 6621012101	SQUARE PIN TR. NPW NP/ TSB TC. LIMEAR/ TSB TC. LIMEAR/ TSB TC. LIMEAR/ STO TR. NPW NP/ TSB TC. LIMEAR/ STO TR. NPW NP/ TSB TR.	2SC903E		2193	1	5142812390	RES. CARBON FILM	12KJB ±5% 1/4W
Q103 Q104,Q105		1	6621015332	TR. HPN HP/ TSB	2SC1815-Y TPB2 TA7060AP 5P		R194 R195			RES. CARBON FILM RES. CARBON FILM	1R5JC ±5% 1/4W 22EJ ±5% 1/4W
Q106		1	6644066900	IC LINBAR/ SYO	LAISS PH IF AND D	IP16	R551,R552 R553,R554			RES. CARBON FILM RES. CARBON FILM	10KJB ±5% 1/4W 2K?JB +5% 1/4W
Q108 Q109		1	6644067000	IC LINEAR/ SYO	LA1245 AN TUNER DI	P20	R555	1	5142810190	RES. CARBON FILM	100JB ±5% 1/4%
Q112 Q113		1	8644055800 6621015332	IC LINBAR/ SYO TR.NPN RF/ TSB	LA3401 DIP22 2SC1815-Y TPB2		R556 R557			RES. CARBON PILM RES. CARBON FILM	10KJB +5% 1/4W
Q115		1	6623002050	TR.PNP RP/ TSB	25A1015-Y TEP2	TAPING	R558 R559			RBS. CARBON FILM RBS. CARBON FILM	22KJB ±5% 1/4W 3K3JB ±5% 1/4W
Q116-Q120 Q121		1	6623002050	TR.PHP HP/ TSB	2SA1015-Y TEP2	TAPING	R560	1	5142822290	RBS. CARBON FILM	2K2JB ±5% 1/4W 47KJB ±5% 1/4W
Q122 Q551		1	6625003730 6640007500	TR. FET/ TSB IC, VOLTAGE REGULATOR/ SYO	25K363GR VGDS=-40V L78W15 15V	0.5A 3P	R561 R562			RES. CARBON FILM RES. CARBON FILM	100JB ±5% 1/4W
Q552		1	6621015332	TR, NPN HP/ TSB	2SC1815-7 TPEZ		R563 R564			RES. CARBON FILM RES. CARBON FILM	1K8JB ±5% 1/4W 22KJB +5% 1/4W
Q553 Q554		1	6623002050	TR.PNP HF/ TSB		TAPING	R565	1	5142810490	RES. CARBON FILM	100KJB +5% 1/4W 1MJB +5% 1/4W
Q555 Q556		1	6621015332	TR.NPN BF/ TSB TR.NPN BF/ TSB	2SC1959-Y 2SC1815-Y TPE2		R566 R567 R568	2	5142810390	RES. CARBON PILM RES. CARBON PILM	1HJB ±5% 1/4W 10KJB ±5% 1/4W
Q55?						0.5A 3P	R569 R570			RES. CARBON PILM RES. CARBON FILM	100KJB ±5% 1/4W 10KJB ±5% 1/4W
Q558 Q559		1	6621015332	TR, NPN BF/ TSB	2SC1815-Y TPB2		R571 R572	1	5142147290	RES. CARBON FILM	4K7JB +5% 1/4W 1KJB +5% 1/4W
Q560 Q561		1	6623002300 6621015332	TR.PNP BF/ TSB TR.NPN BF/ TSB	2SA562-Y TV 2SC1815-7 TPB2		R573	1	5142847390	RES. CARBON FILM RES. CARBON FILM	47KJB ±5% 1/4W
Q562		i	6623002300	IC, VOLTAGE REGULTURY STO TA, MPN BE7 TSB TR, MPN BE7 TSB IC DIGITAL/ STO TR, MPN HE7 TSB IC DIGITAL/ STO IC DIGITAL/ S	284562-7 TV RA6104 5 STD0		R701-R705 R706			ASS. CARBON FILM RES. CARBON FILM	1R5JU ±5X 1/4W 47KJB ±5X 1/4W
Q701 Q702		1	6645004000	IC DIGITAL/ STO	LB-1450 18P		R707	1	5142847390	RES. CARBON FILM	10KJB ±5% 1/4W 680JB ±5% 1/4W
Q703,Q931 Q932		2	6621015332 6645017600	TR, NPN HF/ TSB IC DIGITAL/ TSB	ZSC1815-Y TPRZ TC91478P DIP42		R708 R709	1	5142110490	RES. CARBON FILM	100KJB +5% 1/4W
Q934		i	6645017700	IC DIGITAL/ TSB	TD6104P SIP7 2SC1815-V TPP2		R710 R712			RES. VR. PCIDFBIOLAR (R) RES. CARBON FILM	56KJ2U <u>+</u> 5% 1/4W
Q935-Q937 Q938		1	6623002050	TR, PHP HF/ TSB	2SA1015-Y TBP2	TAPING	R713	1	5142818390	RES. CARBON FILM RES. CARBON FILM	
Q939,Q940 Q941	81	2	6621015332 6645019800	TR,NPN HF/ TSB IC DIGITAL/ SYO	ZSC1815-Y TPBZ LC4001B DIP14		R853,R854 R931	1	5142810490	RES. CARBON FILM	100KJB ±5K 1/4W
Q941	RB	Î	6645019801	IC DIGITAL/ TSB	LC4001BP DIP14	1/6W	R932 R933			RES. CARBON FILM RES. CARBON FILM	15KJB ±5K 1/4W 39KJB ±5K 1/4W
R101 R102		1	5142133190 514285609D	RES. CARBON FILM	56JB <u>+</u> 5%	1/4W	R934	1	5142833390	RES. CARBON FILM	33KJB +5X 1/4W 47JB +5X 1/4W
R103 R104		1	5142822090 5142810290	RES. CARBON FILM RES. CARBON FILM	22JB <u>+</u> 5% 1KJB +5%	1/4¥ 1/4¥	R935-R942 R944			RES. CARBON FILM RES. CARBON FILM	47JB ±5% 1/49
R105		i	51428222290	RES. CARBON PILM	212JB +5%	1/49	8945 8946			RES. CARBON PILM RES. CARBON PILM	1KJB ±5% 1/4W 10KJB ±5% 1/4W
R106 R107		1	5142122590	RES. CARBON FILM	2.2KJB ±5%	1/61	R946	1	5142810390	RES. CARBON FILM	10KJB 45% 1/4W 10KJB 45% 1/4W
R108 R109		1	2142112436	RES. CARBON FILM RES. CARBON FILM	thanks in	1/6¥ 1/4¥	R946 R946			RES. CARBON PILM RES. CARBON PILM	10KJB ±5% 1/4W 10KJB ±5% 1/4W
R110		1	5142182390	RES. CARBON FILM	82KJB ±5K	1/6¥ 1/4¥	R946			RES. CARBON FILM RES. CARBON FILM	10KJB ±5% 1/4W 10KJB ±5% 1/4W
R111 R112		1	5142810490	RES. CARBON FILM RES. CARBON FILM	100KJB <u>+</u> 5K	1/49	R947	ì	5142815400	RES. CARBON FILM	150KJB +5% 1/4W 8K2J2U +5% 1/4W
R113,R114 R116		2	5142827190 5142847090	RES, CARBON FILM RES, CARBON FILM		1/4¥ 1/4¥	R948	1	5142810300	RES. CARBON FILM RES. CARBON FILM	10EJ ±5% - 1/4¥
R117		1	5142822090	RES. CARBON FILM		1/49	R950 R951			RES. CARBON FILM RES. CARBON FILM	190JB ±5% 1/4% 39KJB ±5% 1/4%
R118 R119		1	5142833190 5142136190	RES. CARBON FILM	360JB ±5%	1/6W	R952	1	5142810390	RES. CARBON FILM	10KJB ±5% 1/4W 270KJB ±5% 1/4W
R120 R121				RES. CARBON FILM RES. CARBON FILM		1/4W 1/6W	R953 R954	1	5142810190	RES. CARBON FILM	100JB ±5% 1/4%
R122				RES. CARBON FILM RES. CARBON FILM	120KJB +5% 4K7J8 +5%	1/4¥	R955 R956			RBS. CARBON FILM RBS. CARBON FILM	10KJB ±5% 1/6W 39KJB +5% 1/4W
R123,R124 R125,R126		2	5142882190	RES. CARBON FILM	820JB ±5%	1/4¥	R957, R958	2	5142847390	RES. CARBON FILM RES. CARBON FILM	47KJB ±5K 1/4W 15KJB ±5K 1/4W
R127,R128 R129				RES. CARBON PILM RES. CARBON PILM		1/4¥ 1/4¥	R959 R960	1	5142847490	RES. CARBON FILM	470KJB ±5% 1/4W
R130 R131,R132				RES. CARBON FILM RES. CARBON FILM		1/6¥ 1/4¥	R961 R962			RES. CARBON FILM RES. CARBON FILM	1KJB ±5% 1/4V 27KJB ±5% 1/4W
R134		1	5145822206	RBS. CARBON PILM	2.2KJB +5%	1/4¥	R963-R966	4	5142822490	RES. CARBON FILM RES. CARBON FILM	220KJB +5K 1/4W 4X7JB +5K 1/6W
R135 R136,R137		1	5142810390	RES, CARBON FILM RES, CARBON FILM	100k38 ±5% 10k38 ±5%	1/4¥ 1/4¥	R967 R968	1	5142810490	RES. CARBON FILM	100KJB ±5% 1/4W
R138 R140		1	5142836190	RES. CARBON FILM RES. CARBON FILM	360JB ±5% 68KJ2U ±5%	1/4¥ 1/4¥	R969	1	5142110490 5552102100	RES. CARBON FILM TUNER	100KJB +5% 1/6W FB407-A16
R141		1	5162412520	RES. VR.	47EM RVIOFB473AR	1/49		1 1	5552102100 5552102100	TUNER	FB407-A16 PB407-A16
R142 R143				RES. CARBON FILM RES. CARBON FILM	1KJB ±5% 56KJB ±5%	1/4¥ 1/4¥	0101 E	31 1	5552102100	TUNER	PB407-A16
R144 R145				RES. VR. PCIDFBIGIAR (B) RES. CARBON FILM	10K RH1051C10310 120JB +5K	1/8¥ 1/4¥		1 1		TUNER TUNER	PB407-A16 PB407-G25/R16/2879
R146		1	5142827290	RES. CARBON FILM	2.7KJB ±5%	1/48	X931 2101-2103	1		CRYSTAL UNIT CERANIC FILTER	7.2HHZ 16PF 2NW SFB10.7ML-A
R147 R148		1	5162310420	RES. CARBON FILM RES. VE. PCIDFBIOIAR (B)	12KJB ±5% 100K RG1051C10410		2106	1	5565302500	PM PTZ PILTER	34H-056-1366
R149 R150		1		RES. CARBON FILM RES. CARBON FILM	10EJB ±5% 12EJB ±5%	1/4¥ 1/4¥	2107 2108	1	5550103400	CERAMIC PILTER CERAMIC RESONATOR	SFZ450G BFU450C4N
2151		1	5145822106	RES. CARBON FILM	220J28 ±5%	1/49	Z109 Z111,Z112	1	5550103500	CERAMIC RESONATOR LOW PASS FILTER	CSB456F11 KH-10DF
R152 R153		1 1	5142847290	RES. CARBON PILM RES. CARBON FILM	33EJ2U ±5% 4.7EJB ±5%	1/4W 1/4W	411,6116				
R154 R155		1		RES. CARBON FILM RES. CARBON FILM	150JB ±5% 82JB ±5%	1/4¥ 1/4¥	\$931	1	5554434700	A/N SW PCB BLOCK 1P PUSH SWITCH (SPX-02)	HY-76035
R156		-	5142822090	RES. CARBON FILM	22JB +5%	1/4W				ANT BOARD PCB BLOCK	
R157 B158		1	5142847190	RES. CARBON FILM	1.5KJB <u>+</u> 5K 470JB <u>+</u> 5K	1/4¥ 1/4¥	L103			PRAKING COIL	EC36-560K 56UH ±10*N
R159 R160,R161		1		RES. CARBON PILM RES. CARBON PILM	22JB +5% 10KJB +5%	1/4¥ 1/4¥	P102	1	2226205500	2P TERMINAL	S-Q2723#40
R162		1	5142810290	RES. CARBON FILM RES. VR. PCIDPBIDIAR (B)	1KJB ±5% 100K RG1051C10410	1/4W				PACKING, ASS'Y	
R165 R186			5142810490	RES. CARBON FILM	100KJB +5%	1/49	1901			SERIAL LABRE MAD-1600	WAD-1600 445* 178* 106 SGO.018
R167 R171				RES. CARBON FILM	82%JB ±5% 100JB ±5%	1/4¥ 1/4¥	1P03 1P04	1	9520680255	BPS PAD-L NAD-7100 BPS PAD-R NAD-7100	445* 178* 106 SGO.018
R172 R174			514281010	RBS. CARBON FILM RES. CARBON FILM	100JC ±5X 47J2U ±5X	1/49	1P05 1P06	1		PRINT PE BAG WAD-3020B SHEET WAD-7100	0.04* 600* 525 242* B1 BBS12.0
2175			514283329	RES. CARBON PILM	3X3JB +5%	1/49	1707	1	9510680555	RS CARTON NAD-1600 RS CARTON NAD-1600	B 198* 536* 455*DBS18.0 B 440* 556* 475 DBS18.0
1176 1178			516241252 514286839		47KM RV10FB473AR 68KJB ±5%	1/4¥ 1/6¥	1P08 1P09	0.5	5535447300	LABBL (P) NAD-7100	NAD-7100
R181 R181	Å		1 514218239		SZEJB +5%	1/6W 1/6W	1P10 1P11	1	9554130900 8530680155		0.04* 325* 225 1* 45* 440* 105
R181	A1 B		1 514211249	RES. CARBON FILM	120KJB +5%	1/6W	1912	1	3554100400	PB BAG	0.04* 250* 100 120V UL-1 A
R181 R181	B1 C			RES. CARBON FILM D. RES. CARBON FILM	120KJB ±5K 120KJB ±5K	1/6W 1/6W		A 3	5535444910	SPEC. LABEL SPEC. LABEL	120V UL-1 A1
8181 8182	Cl		1 514211249 1 514218239	RES. CARBON FILM	12013B ±5% 8213B ±5%	1/6¥	1913	B 3	5535444920 5535444930	SPEC. LABEL SPEC. LABEL	240V BS B 240V SA-2 B1
R182	A Al		1 514218239	O RES. CARBON FILM	82EJB +5E	1/6W	1P13	C 3	5535444940	SPEC. LABEL	220V CEE-2 C 220V CEE-2 Cl
R182 R182	B B1		1 514211249	O RES. CARBON FILM O RES. CARBON FILM	120KJB ±5K 120KJB ±5K	1/6¥				SPBC: LABBL WARRANTY CARD	NAD-3200/7200

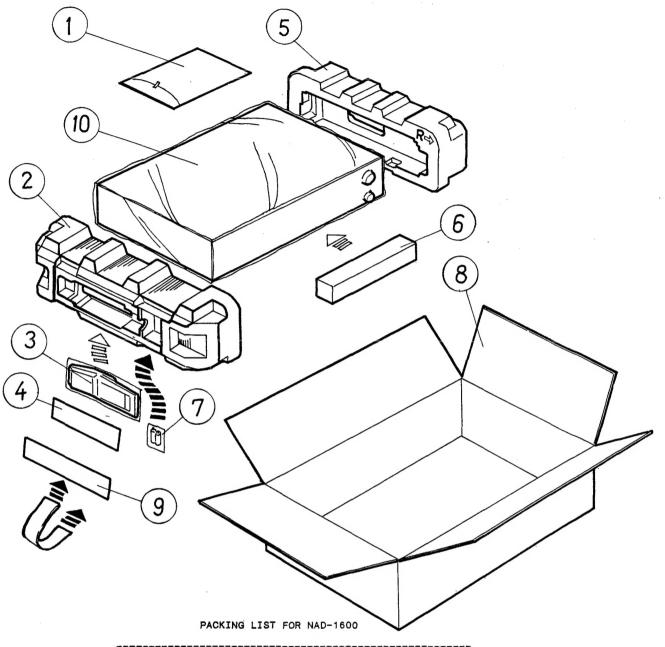
				PART NO.	DESCRIPTION	SPECIFICATION					DESCRIPTION			
1P16	1		1	5535203600	WARRANTY CARD SAFETY INSTRUCTION LABEL, SERIAL RO. WARRANTY CARD (N) WARRANTY CARD (S)	HAD-3200/7200	6F09		1	5542225300	BEZEL DOUBLE BEZEL HEMELON (S) HEMELON (L) MASHER-PVC LOCK WASSHER BASE, VPS WIRE CABLE COAXIAL 200V	NAD-7100		
1P19 1P18	į	1	1	5635410800	LABEL, SERIAL NO.	TV-19TD SYSTEM (47*9)	6F09		2	5542006100	HEMBLON (S)	28*6.5W		
1924 1925	- /	RV	1	5535203601 5535203602	WARRANTY CARD (N) WARRANTY CARD (S)	NAD-7225PB-A NAD-7225PB-A	6P11 6R01		2	5542006110 5547531700	HEMBLOW (L) WASHER-PVC	45*6.5KM WAD-1600		
1P26		RV					7801 7813,7801		1	7101201202	LOCK WASSHER	D21*D12*1.	. 2 T	
1P30 1P31	(	1	1	5535450200	EPS BLOCK GERMAN POST OFFICE SHEET HAD-7100 T EW ANT.	NAD-SERIES	J140		1	6150112101	WIRE CABLE COAXIAL 300V	1.7C-2V	0.120M BLE	JU J
1P33 A101			2	9510885255 5552300110	SHEET NAD-7100 T FM ANT.	240* 120 BS14.0 300 OHN L=1,8M	J144 J145		1	0130003544	WIRE, PVC YELLOW, 24AWG WIRE, PVC BLUE, 24AWG	7/0.20	0.460M 0.460M	
X102			1	6175341709	T FW ANT. WIRE, STRANDED 22#	17/0,16 2.000 K	J146 J147		1	6130003577	WIRB, PVC PURPLE 24AWG	7/0.20	0.360M	
P000 P001					REMOTE CONTROL TRANSITTER BATTERY, DRY	1.5V UK-3	J356		1	6179302801	WIRB, PWIN SHIBLD BBD 28# WIRB, TWIN SHIBLD BRN 28#	7/0.12	0.340H 0.270H	
P002 P002			1	5552302800	ANT. ABAPTOR ANT. ADAPTOR	2-U4010#01 2-U4010#01	J357 J383				WIRE, PVC GRAY 24AWG WIRE, SHIBLD YEL 28#		0.280N 0.450N	
2002	B		1	5552302900	ART. ADAPTOR	S-U5011#12	J383A J384		i	6707020140	INSULATION TUBING T=105 AN	G15/600V	0.010M BLK	1.4
P002 P002	6		1	5552302900	ART. ADAPTOR ART. ADAPTOR	S-05011#12	J384A		1	6707020140	INSULATION TUBING P=105 AN	G15/600V		1.4
9002 P00€	6				ANT. ADAPTOR ANT. CONNECTOR	S-U5011#12 SH-756	J385 J385A				WIRE, SHIBLD GRY 28# SRPVC INSULATION TUBING T=105 AN		0.450K 0.010N BLK	1.4
P004	8	i	1	5556400700	ANT. CONNECTOR	SH-756	J386 J386A		1	6173312806	WIRE, SHIELD BLE 28# SRPVC	7/0.12	0.450M	
P004 P004	C		1	5556400700	ART. ADAPTOR ART. COMECTOR ART. COMECTOR ART. COMECTOR ART. COMECTOR ART. COMECTOR OWERSE KANUAL	SH-756	J500	Å	1	5556702121	INSULATION TUBING T=105 AW POWER CORD W/PLUG SPT-2	UL BLK, AV		*2C*2.1K
7500 7501					OWNERS HANUAL	NAD-1660 NAD-1660		Å1 B			POWER CORD W/PLUG SPT-2 POWER CORD BLK GTBS-2F		/G18# 41/0.16 /4/0.20*2C*2N	
Y502	Å		1	5535122528	OWNERS NAMUAL	NAD-1600 NAD-1600		B1 C	1	5556702011	AC POWER CORD W/PLUG BLK AC POWER CORD W/PLUG BLK	SAA 42/0.1	5*2C*1.8M	
7502 7503	C		3	5535122529	OWNERS NAMUAL	NAD-1600	J500	CI	1	5556700131	AC POWER CORD W/PLUG BLE	VED PL-21	42/.15*20*1.	
Y503 Y504	C				OWNERS NANUAL OWNERS NANUAL	NAD-1600 NAD-1600	J551 J552				WIRE, PVC BLACK 24AWG WIRE, PVC RED 24AWG	7/0.20		
1932	В		1		CHASSIS ASS'Y BS POWER CORD LABEL	NAD-SERIES	J553 J554	À	1	6130003588 6136560602	WIRB,PVC RED 24AWG WIRB,PVC GRAY 24AWG WIRB,PVC RED 600V/5A T≈105	7/0.20	0.270H	
2801			1	5535444893	SERIAL LABEL	NAD-1600	1554	A1	1	6176560602	WIRE, PVC RED 600V/5A T=105	7/0.26	0.350W	
2B02 2C01	Å	1			LIGHTNING LABBU INSPECTION LABEL	UL NAD-SERIES		B Bi			WIRE, DOUBLE INSULATED RED WIRE, DOUBLE INSULATED RED		0.350M 22A 0.350M 22A	
2501 3F01			1	5535449800 5541537900	SC LABEL	NAD-7225		C C1	1	6140071922	WIRE, DOUBLE INSULATED RED WIRE, DOUBLE INSULATED RED	17/0.16	0.350M 22A 0.350M 22A	
3F02			1	5541538000	VOL. RNOB (S)	NAD-7100	J555	À	1	6176560603	WIRE, PVC ORN 600V/5A T=105	7/0.26	0.340N	
3F03 3F04					TOGGLE CAP. PUSH BUTTON	NAD-7100 NAD-7000		A1 B			WIRE, PVC ORN 600V/5A T=105 WIRE, DOUBLE INSULATED ORN		0.340N 0.340N 22A	WG.
3F08 3F20					VOL. THOS VOL. ROS (S) VOL. ROS (S) VOL. ROS (S) VOGGES CAP. PUSAS SUTTON BAND ROS PLAY SUTTON POWER RUSB CONTROL ROS PUSA ROS (S) PUSAS ROS (S) PUSAS ROS (S)	NAD-7100 NAD-7100		B1 C			WIRE, DOUBLE INSULATED ORN WIRE, DOUBLE INSULATED ORN		0.340M 22A 0.340M 22A	
3F21			i	5541537200	POWER KNOB	NAD-7100	J555	Cl	f	6140071933	WIRE, DOUBLE INSULATED ORN	17/0.16	0.340H 22A	
3F22 3F26			4	5541537510	CONTROL KNOB PUSH KNOB (S)	NAD-7100 NAD-7100		A A1			WIRB, PVC RED 600V/5A T=105 WIRB, PVC RED 600V/5A T=105		0.130M 0.130M	
3F34 5B01	A		1		PUSH INOB (S) BACK PLATE (120V)	NAD-7100 NAD-1600		A A1			WIRE, PVC BLE 600V/5A T=105 WIRE, PVC BLE 600V/5A T=105		0.080N 0.080N	
5B01	A	1	1	5547136100	BACK PLATE (120V)	NAD-1600	J558	Á	1	6176560603	WIRE, PVC ORN 600V/5A T=105	7/0.26	0.140M	
5B01. 5B01	B B		- 1		BACK PLATE (240V) BACK PLATE (240V)	NAD-1600 NAD-1600	J558	A1 B	1	6140071933	WIRE, PVC ORN 600V/5A T=105 WIRE, DOUBLE INSULATED ORN	17/0.16	0.140N 0.140N 22A	
5801 5801	C				BACK PLATE (220V) BACK PLATE (220V)	NAD-1600 NAD-1600		B1 C			WIRE, DOUBLE INSULATED ORN WIRE, DOUBLE INSULATED ORN		0.140M 22A 0.140M 22A	
5B01%			20	7033161156	SCREW BRB M3.0*08 S-PC	C RUD 3008 TS PC	J558	CI	1	6140071933	WIRE, DOUBLE INSULATED ORN	17/0.16	0.140H 22A	
5801P 5802				7001120216 5547033900		C PAN H2.5*4 MS PC NAD-7100	J559	ā āÍ	1	6176560600	WIRE, PVC BLE 600V/5A T=105 WIRE, PVC BLE 600V/5A T=105	7/0.26	0.140M 0.140M	
5805 58050				7076210012	TERNINAL NUT ISO N3.5(2.9H) S-2N-CC	NAD-310/710		8 B1			WIRE, DOUBLE INSULATED BLK WIRE, DOUBLE INSULATED BLK		0.140K 22A 0.140H 22A	
5805M			1	7101200352	WASHER TOOTH LOCK-BUT M3.5		J559	C	1	6140071900	WIRE, DOUBLE INSULATED BLK WIRE, DOUBLE INSULATED BLK	17/0.16	0.140M 22A 0.140M 22A	
5805N 5005			2	5547136200	PLATE-HIDDLE	3.7*9.0*0.5 NAD-1600	J560	VI.	1	6130003522	WIRE, PVC RED 24AWG	7/0.2	0.280M 24A	WG.
5005N 5005N				7000305012		K3.0*08	J561 J625-J633			6130003577 5540100701	MIRE, PVC PURPLE 24AWG BINDER	7/0.2	0.330M 24A	MG
5007 5F01			1	5547035800 5541002310	HOLDER	NAD-7100 NAO-110 (SPCC 1.0T)	J641 J641	A A I			INSULATION TUBING T=105 AVI			4.6
5FOIH			1	7190550003	SCREW ISO PPW ZN-PC (BLK)	M4.0*06 (10*3.6*1.0T)	J642	Á	1	6119210600	WIRE, TIN COATED SOFT COPPE	R 0.6KM 0	0.050M	
5F02 5F02W					FRONT BRACKET SCREW ISO PP	NAD-7100 N3.0*6 MS PC	J644-J646		3	5540100701		CO. SAN C	0.050M	
5 P 0 3 5 P 0 3 K				5547132000 7033160652		NAD-7100 N3.0*06	L100 P101	C1 A			SPRING COIL 75 ORW ANT TERMINAL	0.7#3#10TS 12-1032		
5F03N			1	033161156	SCREW BRD	M3.0*08 TS-PC	P101	18	1	5556205310	75 OHM ANT PERMINAL	12-1032		
5F04 5F04K				\$547131700 7033160652	SCREW BRB	NAD-7100 M3.0*06		81	1	5556205300	75 OHM ANT TERMINAL 75 OHM ANT TERMINAL	12-1032 12-1030		
5P05 5P05	Å		1	5547131630 5547131630		NAD-1600 NAD-1600		C C1			75 OHN ANT TERMINAL 75 OHN ANT TERMINAL	12-1030 12-1030		
5F05 5F05	В			5547131620 5547131620	LEFT PLATE	HAD-1600 HAD-1600	P116 P201A		1	5556518700	RING TERMINAL CONNECTOR 6P HOUSING ASS'Y L=300	L=45MM NAD-7000 3	200an	
5 F 0 5	C		1	5547131620	LEFT PLATE	NAD-1600	P221A		1	5556900250	3P PVC PARALLEL WIRE BLK	7/0.16 2	220 mm 26A	MG
5 F O S M	C	1		5547131620 7033160652		NAD-1600 N3.0*06	P331 P400A				14P HOUSING ASS'Y 5P HOUSING ASS'Y (L=250)	NAD-7000 7/0.16 2	250 mm AWG	26#
5F05N 5F05N	A			7033160652 - 7033160652		K3.0*06 K3.0*06		ă Al			AC OUTLET (POLARIZED) AC OUTLET (POLARIZED)	S-16519-024 S-16519-024	#01/HJC-030A #01/HJC-030A	
5F050		•	4	1000305012	SCREW BYBW	H3.0*08	P501	В	1	5556311400	AC SOCKET	S-16536#01		
5F06 5F06N			4	7033180652		NAD-7100 83.0*06	P501	B1 C	1	5556311400		52-739T-100 5-16536#01		
5F07 5F20					PLAY SPRING PUSH SPRING	MAD-7100 MAD-7100		C1 A		5556311400 5556308320	AC SOCKET AC OUTLET (POLARIZED)	S-16536#01 S-16519-02#	#01/HJC-030A	1
5F29			1	5540100200	WIRE CLAMP. WITH TUBE			Al A		5556308320 5556200800	AC OUTLET (POLARIZED)		#01/HJC-030A	
5501 5501 N			5	5547131810 7033160652	SCREW BRB	NAD-1600 NAD-1600	P612	ÅÌ	1	5556200800	LUG	3.1em		
5801N 6802				7033161156 5547501200	SCREW BRB BUSHING POWER CORD	N3.0*08 SR-4P-4 & B-7	P701A P702A				5P HOUSING ASS'Y 4P HOUSING ASS'Y	NAD-7000 L NAD-7000 L		
6804 6C01				5547530400 5419700191	PCB SUPPORT	SCB-15 NAD-7100	P905A P931A				7P HOUSING ASS'Y 11P HOUSING ASS'Y	NAD-7000 NAD-7000		
6C01N			2	7033161156	SCREW BRB	M3.0*08 TS PC	P932A		1	5556519500	10P HOUSING ASS'Y	NAD-7000 L		
6C03	Á			5547802120 5547802121	RUBBER FOOT	NAD-7100 (UL 94V-0)		k	1	5142427500	4P HOUSING ASS'Y RES., CARBON FILM	NAD-7000 L	1	/2W
6C03	8		- (	5547802120 5547802120		NAD-7100 NAD-7100	R504	Al			RES., CARBON FILM POWER TRANSFORM (BI-48)	115V/60Hz 2		1/2¥
6003	C		4	5547802120	FOOT	HAD-7100	T502		1	5561319101	POWER TRANSFORM (SHIELD)	115V/60Hz 2	230 V/50Hz	
6C03M	C	1	4	7000305022	SCREW BYBW	MAD-7100 M3.0*10								
6C08 6C12			t t		PE SPONGE (BLE)	25*11*15WK 15*15*5T								
6F01 6F01X			1	5541213120	FRONT PANEL SCREW BRB RUD TS	NAD-1600 N3.0*06								
6F01H			9	7033161156	SCREW BRB RUD TS PC	<b>H3.0*08</b>								
6F01P 6F02			1	5542909410	SCREW BEB RUD TS BECEIVER WINDOW	W3.0*12 WAD-7000								
6F03			Î		BEZEL (A)	NAD-7100 NAD-7100								
8FOS			ì		POWER BEZEL	NAD-7100								
6506			1	3376663600	nuese (v)	NAD-7100								



# NAD-1600 PARTS LIST

NO. PARTS NAME	PARTS NO.
1 HEMELON(L)	5542006110
2 KNOB, VOLUME	5541537900
3 KNOB, BALANCE	5541538000
4 KNOB, BAND	5541537300
5 CAP, TOGGLE	5531537800
6 HEMELON(S)	5542006100
7 KNOB, CONTROL	5541537510
8 BUTTON, PUSH	5541537700
9 BEZEL, SCAN	5542225800
10 KNOB, SCAN	5541537600
11 BEZEL, FUNCTION	5542225300
12 BEZEL, COPY	5542225200
13 BEZEL, LOUDNESS	5542225000
14 KNOB, PUSH(R)	5541537110
15 KNOB, PUSH(L)	5541537100
16 BEZEL, SPEAKER	5542225100
17 SPRING, PUSH	5546322900
18 KNOB, POWER	5541537200
19 PANEL, FRONT	5541213120
• 1	
20 BEZEL, POWER	5542225400
21 PLATE, LEFT	5547131620
22 BRACKET, FRONT(B)	5547132000
23 BRACKET, FRONT(A)	5547131500
24 PLATE, MIDDLE	5547136200
25 PLATE, BACK(120)	5547136100
PLATE, BACK (220)	5547136110
PLATE, BACK (240)	5547136120
26 COVER, TOP	5541002310
27 CORD, POWER	5547501200
28 SUPPORT, PCB	5547530400
29 HEAT SINK	5545306900
30 HEAT SINK(S)	5545306910
31 TERMINAL	5546121400
32 WASHER, TOOTH	7101200352
33 WASHER, LOCK	7101201202
34 PLATE, RIGHT	5547131700
35 CHASSIS	5547131810
36 FOOT, RUBBER	5547802120
37 HINGE	5419700101
38 PLATE, AUX	5547035800
39 BRACKET PLATE, RIGHT	5547033800
40 WINDOW, RECEIVE	5542909410
42 SPRING, PLAY(A)	5546323000

# PACKING DIAGRAM



!	ITEM	1	PARTS NO.	i	NAME	1	QTY
1	1	1	9510685155	:	OWNERS MANUAL	;	1
1	2	1	9520680155	;	POLYLON L.	1	1 ,
;	3	1	5552000200	;	REMOTE CONTROL TRANSMITTER	;	1
:	4	;		:	R/C TRANSMITTER MANUAL	;	1
1	5	1	9520680255	1	POLYLON R.	!	1
1	6	1	9520685155	1	POLYLON BAR	1	1
1	7	1	6910151403	!	DRY BATTERY	;	2
;	8	;	9510680555	;	CARTON	;	1
;	9	1	9510685155	1	PAPER PLATE	;	.1
1	10	1	9530680155	1	EPE BAG	1	1

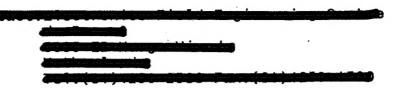
NAD Electronics Ltd.

Model: 1600

Service Information

Issue 1

Date: 1 November 1990



Notes:

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